1670 Broadway Suite 2800 Denver Colorado 80202 Telephone: 303 573 5404 Fax: 303 573 5609

September 21, 2005

Ms. Diana Whitney Division of Oil, Gas and Mining P.O. Box 145801 Salt Lake City, UT 84114-6100

RE:

Bonanza 1023-7M

T10S-R23E

Section 7: SWSW 1082 'FSL, 439' FWL Uintah County, Utah

Dear Ms. Whitney:

Westport Oil and Gas Company, L.P. has submitted a permit to drill the captioned well to test the Wasatch and Mesaverde formations. The well is located at an exception location to State Rule 179-12. The well location was moved for topographic reasons. Westport owns 100% of the leasehold within 460 feet of the exception location of the offset lands and has no objection to the exception location.

Westport requests your approval of this exception location. If you have any questions or require any additional information, please do not hesitate to call me at 303-607-3448.

Sincerely,

W. Chris Latimer, CPL

Senior Landman

cc: Raleen Weddle

RECEIVED

SEP 2 3 2005

Form 3160-3 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0136 Expires November 30, 2000

5. Lease Serial No.

UTU-38420

| APPLICATION FOR PERMIT T | O DRIL | L OR REEN | TER | 6. If Indian, Allotte | e or Tribe | Name |
|--|--|--|--|--|-------------|--------------------|
| 1a. Type of Work: X DRILL RE | 7. If Unit or CA Ag | reement, | Name and No. | | | |
| b. Type of Well: Oil Well X Gas Well Other | | Single Zone | Multiple Zone | 8. Lease Name and BONAN | | 23-7M |
| 2. Name of Operator WESTPORT OIL & GAS COMPANY, L.P. | | | | 9. API Well No. 43-04 | | |
| 3A. Address 1368 SOUTH 1200 EAST, VERNAL, UTAH 84078 | | No. (include area co (435) 781-7 | | 10. Field and Pool, o | a/) | Butto |
| 4. Location of Well (Report location clearly and in accordance with At surface SWSW LOT 4 1082' FSL 439' FWL | 638656 | X 39.73 | 9191 | 11. Sec., T., R., M., | , | |
| At proposed prod. Zone 14. Distance in miles and direction from nearest town or post office 25 MILES SOUTHEAST OF OURAY, UTAH | * * | 304 - 104. | 376669 | 12. County or Parish UINTAH | T10S-R | 13. State UT |
| 15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) | | Acres in lease | | edicated to this well | | |
| 18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. REFER TO TOPO C | | 20. BLM/BIA Bond No. on file CO-1203 | | | | |
| 21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5279.7' GL | 22. Approximate date work will start* Upon Approval | | | 23. Estimated duration To Be Determined | | |
| | | Attachments | | | | |
| The following, completed in accordance with the requirements of Or | nshore Oil and | | | | | |
| Well plat certified by a registered surveyor. A Drilling Plan. A Surface Use Plan (if the location is on National Forest System). SUPO shall be filed with the appropriate Forest Service Office. | | Item 20 abo 5. Operator ce 6. Such other authorized of | ove). rtification. site specific informati | nless covered by an exis | be require | |
| 25. Signature | Na | me (Printed/Typed) | EBRA DOMENI | i | Date 9 | /28/2005 |
| Title ASSOCI | IATE ENV | IRONMENTAL | | | | |
| Approved by (Signifium) | Na | me (Printed/Typed) BRADL | EY G. HILL | | Date | 05-05 |
| Title | | | NTAL SCIENTIST | | | |
| and the second s | -14-10-01-0-0 | auitable title to tha | ce rights in the subject | t lease which would ent | itle the ar | inlicant to conduc |

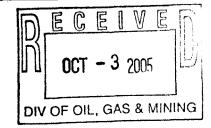
Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduc operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

Federal Approval of this Action is Necessary



WESTPORT OIL AND GAS COMPANY, L.P. T10S, R23E, S.L.B.&M. Well location, BONANZA #1023-7M, located as 1995 Alum. Cap, shown in the SW 1/4 SW 1/4 (LOT 4) of Pile of Stones S89'56'04"W - 2635.71' (Meas.) Pile of Stones S89'43'35"W - 2612.83' (Meas.) Section 7, T10S, R23E, S.L.B.&M. Uintah County, 1991 Alum. Cap, 1995 Alum. Cap, Utah. 0.2' Above 1.5' High 0.2' High, Pile Pile of Stones of Stones BASIS OF ELEVATION BENCH MARK 58 EAM (1965) LOCATED IN THE NE 1/4 OF LOT 1 SECTION 30, T9S, R23E, S.L.B.&M. TAKEN FROM THE RED WASH SE, QUADRANGLE, UTAH, UINTAH COUNTY, 7.5 MINUTE QUAD. ,16 (TOPOGRAPHIC MAP) PUBLISHED BY THE UNITED STATES 2640. DEPARTMENT OF THE INTERIOR, GEOLOGICAL SURVEY. SAID ELEVATION IS MARKED AS BEING 5132 FFFT BASIS OF BEARINGS μļ *N00.05,02,M* V00°07'29 BASIS OF BEARINGS IS A G.P.S. OBSERVATION. LOT 2 1991 Brass Cap. 1995 Alum. Cap. 0.2' High, Steel Post, 3/4" Rebar, Pile of Stones 0.7' High, Pile of Stones LOT 3 2634.10 SCALE BONANZA #1023-7M Elev. Ungraded Ground = 5280' CERTIFICATE VOO°04'41"W 75,60.000 THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ABE THE AND CORRECT TO NLOT 4 BEST OF MY KNOWLEDGE AND BELLEF 1995 Alum. Cap. 0.2' High, Pile of Stones REGISTERED LAND SURVEYOR Alum. Cap REGISTRATION NO. 偏傷情 S89'24'59"W - 2630.50' (Meas.) N89'41'02"W - 2636.50' (Meas.) STATE OF UTAH `1991 Alum. Cap. RR 1.3' High. Pile of UINTAH ENGINEERING & LANDUSURVEYING 23 Stones, Steel Post 85 SOUTH 200 EAST - VERNAL, UTAH 84078 (NAD 83) (435) 789-1017 LATITUDE = 39.5732.97" (39.959158) LEGEND: SCALE LONGITUDE = 109'22'38.30" (109.377306) DATE SURVEYED: DATE DRAWN: 1" = 1000'= 90° SYMBOL 08 - 22 - 0508-30-05 (NAD 27) PARTY REFERENCES = PROPOSED WELL HEAD. LATITUDE = 39.57'33.09'' (39.959192) S.H. L.M. L.K. G.L.O. PLAT LONGITUDE = 109'22'35.85" (109.376625) = SECTION CORNERS LOCATED. WEATHER FILE HOT WESTPORT OIL AND GAS COMPANY, L.P.

BONANZA 1023-7M SWSW SEC 7-T10S-R23E LOT 4 UINTAH COUNTY, UTAH UTU-38420

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. Estimated Tops of Important Geologic Markers:

| Formation | Deptn |
|-------------|------------|
| Uinta | 0- Surface |
| Green River | 1625' |
| Wasatch | 4135' |
| Mesaverde | 6225' |
| TD | 8475' |

2. Estimated Depths of Anticipated Water, Oil, Gas, or Mineral Formations:

| Substance | <u>Formation</u> | <u>Depth</u> |
|----------------|------------------|--------------|
| | Green River | 1625' |
| Gas | Wasatch | 4135' |
| Gas | Mesaverde | 6225' |
| Water | N/A | |
| Other Minerals | N/A | |

3. Pressure Control Equipment (Schematic Attached)

Please refer to the attached Drilling Program.

4. Proposed Casing & Cementing Program:

Please refer to the attached Drilling Program.

5. Drilling Fluids Program:

Please refer to the attached Drilling Program.

6. Evaluation Program:

Please refer to the attached Drilling Program.

7. Abnormal Conditions:

Maximum anticipated bottomhole pressure calculated at 8475' TD, approximately equals 3390 psi (calculated at 0.4 psi/foot).

Maximum anticipated surface pressure equals approximately 1525.5 psi (bottomhole pressure minus the pressure of a partially evacuated hole calculated at 0.22 psi/foot).

8. <u>Anticipated Starting Dates:</u>

Drilling is planned to commence immediately upon approval of this application.

9. Variances:

Please refer to the attached Drilling Program.

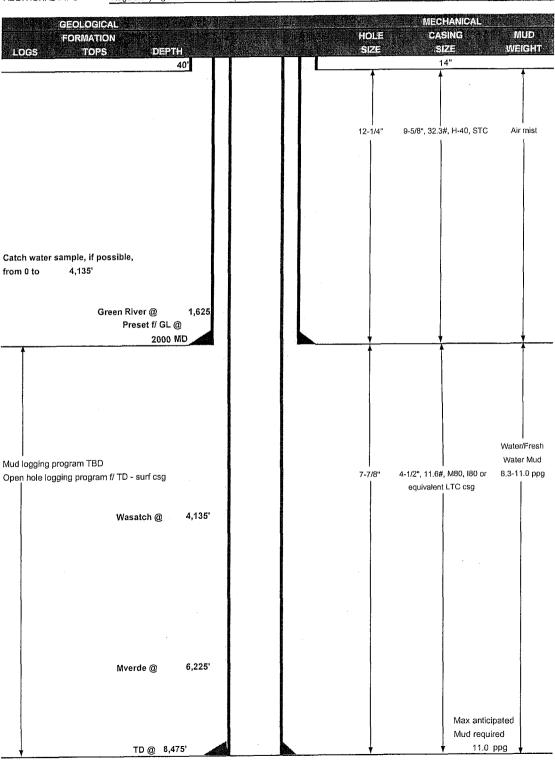
10. Other Information:

Please refer to the attached Drilling Program.





| COMPAN | IY NAME | Westport Oil and Gas Co., L.P | · | DATE | Septemb | er 19, 2005 | | | |
|---------|---------------|---|-------------------|------|-----------|-------------|-----|---------------------------------------|--|
| WELL NA | AME - | BONANZA 1023-7M | | TD | 8,475' | MD/TVD | | · · · · · · · · · · · · · · · · · · · | |
| FIELD | Natural Butte | es COUNTY Uintal | h STATE Uta | ah | ELEVATION | 5,440' GL | KE | 3 5,455' | |
| SURFAC | E LOCATION | SWSW LOT 4-T10S-R23E | 1082'FSL & 439'FW | L | | | BHL | Straight Hole | |
| | | Latitude: 39.959158 | Longitude: 109.37 | 7306 | | | | | |
| OBJECTI | VE ZONE(S) | Wasatch/Mesaverde | | | | | | | |
| ADDITIO | NAL INFO | Regulatory Agencies: UDOGM (surface/minerals), BLM, Tri-County Health Dept. | | | | | | | |







Westport Oil and Gas Company, L.P.

DRILLING PROGRAM

CASING PROGRAM

| | | | | | | | | | JESTER EVEL | URS |
|------------|--------|-----|-------|------|-------|--------------|-------|-----------|-------------|---------|
| | SIZE | 11. | TERV | AL | WT. | GR. | CPLG. | BURST | COLLAPSE | TENSION |
| CONDUCTOR | 14" | | 0-40' | | | | | 0070 | 4070 | 254000 |
| | | l | | | | | | 2270 | 1370 | 254000 |
| SURFACE | 9-5/8" | 0 | to | 2000 | 32.30 | H-40 | STC | 0.76***** | 1.58 | 4.49 |
| | | | | | | | · · | 7780 | 6350 | 201000 |
| PRODUCTION | 4-1/2" | 0 | to | 8475 | 11.60 | M-80 or I-80 | LTC | 2.61 | 1.31 | 2.34 |
| | | ĺ | | | | | | | | |
| | | | | | | | | | | |

- 1) Max Anticipated Surf. Press.(MASP) (Surface Casing) = (Pore Pressure at next csg point-(0.22 psi/ft-partial evac gradient x TVD of next csg point)
- 2) MASP (Prod Casing) = Pore Pressure at TD (.22 psi/ft-partial evac gradient x TD)

(Burst Assumptions: TD =

11.0 ppg)

.22 psi/ft = gradient for partially evac wellbore

(Collapse Assumption: Fully Evacuated Casing, Max MW)

(Tension Assumptions: Air Weight of Casing*Buoy.Fact. of water)

MASP Burst SF is low but csg is much stronger than formation at 2000'. EMW @ 2000' for 2270# is 21.8 ppg or 1.13 psi/ft

CEMENT PROGRAM

| | FT. OF FILL | DESCRIPTION | SACKS | EXCESS | WEIGHT | YIELD |
|-----------------|-------------|---|------------|---------------|------------|-------|
| SURFACE LEAD | 500 | Premium cmt + 2% CaCl | 215 | 60% | 15.60 | 1.18 |
| Option 1 | | + .25 pps flocele | | | | |
| TOP OUT CMT (1) | 200 | 20 gals sodium silicate + Premium cmt | 50 | | 15.60 | 1.18 |
| | | + 2% CaCl + .25 pps flocele | | | |] |
| TOP OUT CMT (2) | as required | Premium cmt + 2% CaCl | as req. | | 15.60 | 1.18 |
| SURFACE | | NOTE: If well will circulate water to s | urface, op | tion 2 will b | e utilized | |
| Option 2 LEAD | 1500 | Prem cmt + 16% Gel + 10 pps gilsonite | 170 | 35% | 11.00 | 3.82 |
| • | | +.25 pps Flocele + 3% salt BWOC | | | | |
| TAIL | 500 | Premium cmt + 2% CaCl | 180 | 35% | 15.60 | 1.18 |
| | | + .25 pps flocele | | • | | İ |
| TOP OUT CMT | as required | Premium cmt + 2% CaCl | as req. | | 15.60 | 1.18 |
| | | | | | | |
| PRODUCTION LEAD | 3,635' | Premium Lite II + 3% KCI + 0.25 pps | 380 | 60% | 11.00 | 3.38 |
| | | celloflake + 5 pps gilsonite + 10% gel | | | ٠. | |
| | | + 0.5% extender | | | | |
| | | | | | | |
| TAIL | 4,840' | 50/50 Poz/G + 10% salt + 2% gel | 1350 | 60% | 14.30 | 1.31 |
| | | | | | | |

^{*}Substitute caliper hole volume plus 0% excess for LEAD if accurate caliper is obtained

FLOAT EQUIPMENT & CENTRALIZERS

| SURFACE | Guide shoe, 1 jt, insert float. Centralize first 3 joints with bow spring centralizers. Thread lock guide shoe. | | | | |
|---------|---|---|--|--|--|
| | Float shoe, 1 jt, float collar. Centralize first 3 joints & every third joint to top of tail cement with bow spring centralizers. | | | | |
| - | | _ | | | |

ADDITIONAL INFORMATION

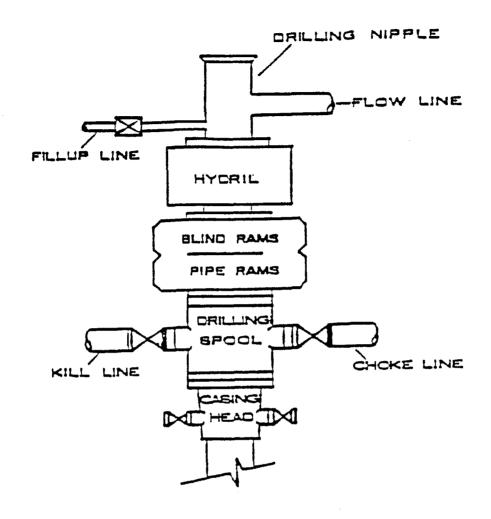
| | Test casing head to 750 psi after | er installing. Test surface casing to 1,500 psi prior to drilling out. |
|----------|-----------------------------------|---|
| | BOPE: 11"3M with one annula | r and 2 rams. Test to 3,000 psi (annular to 1,500 psi) prior to drilling out. Record on chart recorder & |
| | tour sheet. Function test rams of | on each trip. Maintain safety valve & inside BOP on rig floor at all times. Kelly to be equipped with upper |
| | & lower kelly valves. | |
| | Drop Totco surveys every 2000 | Maximum allowable hole angle is 5 degrees. |
| | Most rigs have PVT Systems for | rmud monitoring. If no PVT is available, visual monitoring will be utilized. |
| DRILLING | ENGINEER: | DATE: |
| DRILLING | SUPERINTENDENT: | Brad Laney DATE: |

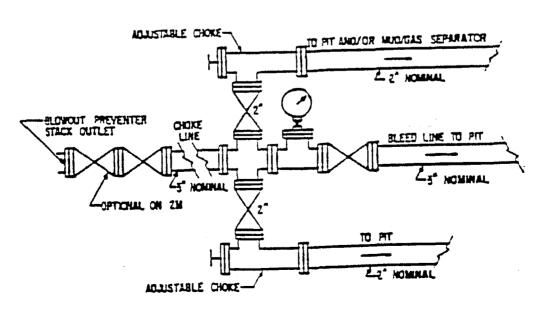
BON1023-7M_APD.xls

Randy Bayne

^{*}Substitute caliper hole volume plus 15% excess for TAIL if accurate caliper is obtained

EOP STACK





BONANZA 1023-7M SWSW SEC 7-T10S-R23E LOT 4 UINTAH COUNTY, UTAH UTU-38420

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. Existing Roads:

Directions to the proposed location are attached.

Refer to Topo Maps A and B for location of access roads within a 2-mile radius.

All existing roads will be maintained and kept in good repair during all drilling and completion operations associated with this well.

2. Planned Access Roads:

The proposed access road is approximately 0.1 mile +/-. Refer to Topo Map B.

The access road will be crowned (2 to 3%), ditched and constructed with a running surface of 18 feet and a maximum disturbed width of 30 feet. Graveling or capping the roadbed will be performed as necessary to provide a well constructed, safe road. Prior to construction or upgrading, the proposed road shall be cleared of any snow and allowed to dry completely.

Surface disturbance and vehicular traffic will be limited to the proposed location and proposed access route. Any additional area needed will be approved in advance. All construction shall be in conformance with the standards outlined in the BLM and Forest Service publication: <u>Surface Operating Standards for Oil and Gas Exploration and Development</u>. 1989.

The road surface and shoulders will be kept in a safe and usable condition and will be maintained in accordance with the original construction standards. All drainage ditches will be kept clear and free-flowing and will be maintained according to original construction standards. The access road surface will be kept free of trash during operations. All traffic will be confined to the approved disturbed surface. Road drainage crossings shall be designed so they will not cause siltation or accumulation of debris in the drainage crossing or shall the drainages be blocked by the road bed. Erosion of drainage ditches by runoff water shall be prevented by diverting water off at frequent intervals by means of cutouts. Should mud holes develop, they shall be filled in and detours around them avoided. When snow is removed from the road during the winter months, the snow shall be pushed outside of the borrow ditches, and the turnouts kept clear so that snowmelt will be channeled away from the road.

3. Location of Existing Wells Within a 1-Mile Radius

Please refer to Topo Map C.

4. Location of Existing & Proposed Facilities

The following guidelines will apply if the well is productive.

All production facilities will be located on the disturbed portion of the well pad and at a minimum of 25 feet from the toe of the back slope or the top of the fill slope.

A dike will be constructed completely around those production facilities which contain fluids (i.e., production tanks, produced water tanks, and/or heater/treater). These dikes will be constructed of compacted subsoil, be impervious, hold 100% of the capacity of the largest tank, and be independent of the back cut.

All permanent (on-site six months or longer) above the ground structures constructed or installed, including pumping units, will be painted a flat, non-reflective, earthtone color to match one of the standard environmental colors, as determined by the five state Rocky Mountain Inter-Agency Committee.

All facilities will be painted within six months of installation. Facilities required to comply with the Occupational Safety and Health Act (OSHA) will be excluded. The requested color is Carlsbad Canyon (2.5 Y 6/2) as determined during the on-site inspection.

Any necessary pits will be properly fenced to protect livestock and prevent wildlife entry.

Refer to Topo Map D for the placement of the proposed pipeline.

Exceptions to Best Management Practices (BMPs) Requested:

Approximately 350° of 4" steel pipeline will be installed on surface within the access corridor for the well location. As a Best Management Practice (BMP), the pipeline would be buried within the access road corridor if possible. The construction of pipelines requires the corridor of 30 feet.

This exception to the BMP should be granted by the BLM Authorized Officer because indurated bedrock, such as sandstone, is at or within 2 feet of the surface and the soil type has a poor history for successful rehabilitation.

5. Location and Type of Water Supply:

Water for drilling purposes will be obtained from Dalbo Inc.'s underground well located in Ouray, Utah, Sec.32, T4S,R3E, Water User Claim #43-8496, Application #53617.

Where available a 2" or 3" poly pipe will be installed with the existing rights-of-way to supply water during drilling and completion operations. There will be no new disturbance needed and the poly line will be removed after completion operations. The fresh water will be supplied from the power plant located within the following Sections 23, 24, 25, 26, 35, & 36, T8S, R23E.

Water will be hauled to location over the roads marked on Maps A and B.

No water well is to be drilled on this lease.

6. Source of Construction Materials

Surface and subsoil materials in the immediate area will be utilized.

Any gravel will be obtained from a commercial source.

7. Methods of Handling Waste Materials

Drill cuttings will be contained and buried in the reserve pit.

Drilling fluids, including salts and chemicals, will be contained in the reserve pit. Upon termination of drilling and completion operations, the liquid contents of the reserve pit will be removed and disposed of at an approved waste disposal facility within 120 days after drilling is terminated.

The reserve pit will be constructed on the location and will not be located within natural drainage, where a flood hazard exists or surface runoff will destroy or damage the pit walls. The reserve pit will be constructed so that it will not leak, break, or allow discharge of liquids.

A plastic reinforced liner is to be used as discussed during on-site inspection. It will be a minimum of 20 mil thick and felt, with sufficient bedding used to cover any rocks. The liner will overlap the pit walls and be covered with dirt and/or rocks to hold it in place. No trash or scrap that could puncture the liner will be disposed of in the pit.

Any spills of oil, gas, salt water, or other noxious fluids will be immediately cleaned up and removed to an approved disposal site.

A chemical porta-toilet will be furnished with the drilling rig.

Garbage, trash, and other waste materials will be collected in a portable, self-contained, fully enclosed trash cage during operations. No trash will be burned on location.

All debris and other waste material not contained in the trash cage will be cleaned up and removed from the location immediately after removal of the drilling rig.

Any open pits will be fenced during the operations. The fencing will be maintained until such time as the pits are backfilled.

No chemicals subject to reporting under SARA Title III (hazardous materials) in an amount greater than 10,000 pounds will be used, produced, stored, transported, or disposed of annually in association with the drilling of this well. Furthermore, no extremely hazardous substances, as defined in 40 CFR 355, in threshold planning quantities, will be used, produced, stored, transported, or disposed of in association with the drilling of this well.

Any produced water from the proposed well will be contained in a water tank and will then be hauled by truck to one of the pre-approved disposal sites: RNI, Sec. 5, T9S, R22E, NBU #159, Sec. 35, T9S, R21E, Ace Oilfield, Sec. 2, T6S, R20E, MC&MC, Sec. 12, T6S, R19E. (Request is in lieu of filing Form 3160-5, after initial production).

8. Ancillary Facilities:

None are anticipated.

9. Well Site Layout: (See Location Layout Diagram)

The attached Location Layout Diagram describes drill pad cross-sections, cuts and fills, and locations of the mud tanks, reserve pit, flare pit, pipe racks, trailer parking, spoil dirt stockpile(s), and surface material stockpile(s).

Please see the attached diagram to describe rig orientation, parking areas, and access roads.

39 inch net wire will be used with at least one strand of barbed wire on top of the net wire. Barbed wire is not necessary if pipe or some type of reinforcement rod is attached to the top of the entire fence.

The net wire shall be no more than two inches above the ground. The barbed wire shall be three inches over the net wire. Total height of the fence shall be at least 42 inches.

Corner posts shall be cemented and/or braced in such a manner to keep the fence tight at all times.

Standard steel, wood, or pipe posts shall be used between the corner braces. Maximum distance between any 2 fence posts shall be no greater than 16 feet.

All wire shall be stretched, by using a stretching device, before it is attached to corner posts.

The reserve pit fencing will be on three sides during drilling operations, and on the fourth side when the rig moves off location. Pits will be fenced and maintained until cleanup.

10. Plans for Reclamation of the Surface:

Producing Location:

Immediately upon well completion, the location and surrounding area will be cleared of all unused tubing, materials, trash, and debris not required for production.

Immediately upon well completion, any hydrocarbons in the pit shall be removed in accordance with 43 CFR 3162.7-1.

Before any dirt work associated with location restoration takes place, the reserve pit shall be as dry as possible. All debris in it will be removed. Other waste and spoil materials will be disposed of immediately upon completion of operations.

The reserve pit and that portion of the location not needed for production facilities/operations will be recontoured to the approximate natural contours. The reserve pit will be reclaimed within 90 days from the date of well completion, weather permitting.

To prevent surface water(s) from standing (ponding) on the reclaimed reserve pit area, final reclamation of the reserve pit will consist of "mounding" the surface three feet above surrounding ground surface to allow the reclaimed pit area to drain effectively.

Upon completion of backfilling, leveling, and recontouring of the pit, the stockpiled topsoil will be spread evenly over the location up to the rig anchor points, the location shall be reshaped to the

Page 5

original contour to the extent possible, and the location will be reseeded with Crested Wheatgrass using appropriate reclamation methods.

Dry Hole/Abandoned Location:

Abandoned well sites, roads, and other disturbed areas will be restored as near as practical to their original condition. Where applicable, these conditions include the re-establishment of irrigation systems, the re-establishment of appropriate soil conditions, and re-establishment of vegetation as specified.

All disturbed surfaces will be recontoured to the approximate natural contours, with reclamation of the well pad and access road to be performed as soon as practical after final abandonment. Reseeding operations will be performed after completion of other reclamation operations.

11. Surface Ownership:

United States of America Bureau of Land Management 170 South 500 East Vernal, UT 84078 (435) 789-1362

12. Other Information:

A Class III archaeological survey and a paleontological survey have been completed and the reports will be submitted separately.

All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, the approved Plan of Operations, and any applicable Notice of Lessees. The Operator is fully responsible for the actions of his subcontractors. A copy of these conditions will be furnished to the field representative to ensure compliance. The Operator will control noxious weeds along Rights-Of-Way for roads, pipelines, well sites, or other applicable facilities.

This location is not within 460' from the boundary of the Natural Buttes Unit, nor is it within 460' of any non-committed tract lying within the boundaries of the Unit.

Seed Mixture:

The following seed mixture will be used during interim reclamation:

Crested Wheatgrass

6 lbs/acre

Needle and Thread Grass

6 lbs/acre

Operator will contact the BLM for the seed mixture when final reclamation of the location occurs.

13. Lessee's or Operators's Representative & Certification:

Debra Domenici Associate Environmental Analyst Westport O&G Co. 1368 South 1200 East Vernal, UT 84078 (435) 781-7060 Randy Bayne Drilling Manager Westport O&G Co. 1368 South 1200 East Vernal, UT 84078 (435)781-7018

Certification: All lease and/or unit operations will be conducted in such a manner that full compliance is made with all applicable laws, regulations, Onshore Oil and Gas Orders, the approved Plan of Operations, and any applicable Notice to Lessees.

The Operator will be fully responsible for the actions of its subcontractors. A complete copy of the approved "Application for Permit to Drill" will be furnished to the field representative(s) to ensure compliance and shall be on location during all construction and drilling operations.

Westport Oil &Gas Company is considered to be the operator of the subject well. Westport Oil & Gas Company agrees to be responsible under the terms and the conditions of the lease for the operations conducted upon leased lands.

Bond coverage pursuant to 43 CFR 3104 for the lease activities is being provided by BLM Nationwide Bond #CO-1203.

I hereby certify that the proposed drill site and access route has been inspected and that I am familiar with the conditions that currently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and the work associated with the operations proposed herein will be performed by the Operator, its contractors, and subcontractors in conformity with this plan and the terms and conditions under which it is approved.

Debra Domenici

September 28, 2005

Date

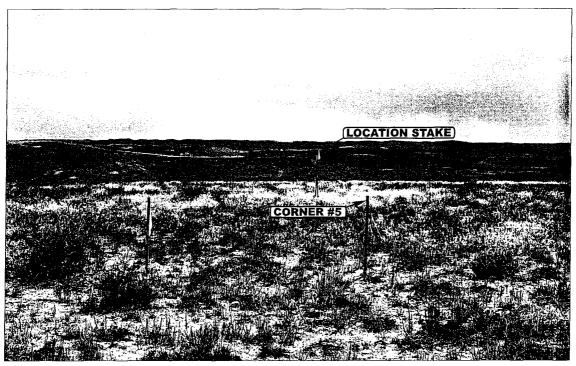
WESTPORT OIL AND GAS COMPANY, L.P. BONANZA #1023-7M SECTION 7, T10S, R23E, S.L.B.&M.

PROCEED IN A WESTERLY DIRECTION FROM VERNAL, UTAH ALONG U.S. HIGHWAY 40 APPROXIMATELY 14.0 MILES TO THE JUNCTION OF STATE HIGHWAY 88; EXIT LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 17.0 MILES TO OURAY, UTAH; PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 0.3 MILES ON THE SEEP RIDGE ROAD TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 12.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH; TURN RIGHT AND PROCEED IN A SOUTHERLY DIRCTION APPROXIMATELY 1.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST: TURN LEFT AND PROCEED IN AN EASTERLY DIRECTION APPROXIMATELY 1.9 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHEAST; TURN RIGHT AND PROCEED IN A SOUTHEASTERLY DIRECTION APPROXIMATELY 0.5 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE EAST; TURN LEFT AND PROCEED IN AN EASTERLY, THEN SOUTHEASTERLY DIRECTION APPROXIMATELY 3.3 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 0.7 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTH: TURN LEFT AND PROCEED IN A SOUTHERLY DIRECTION APPROXIMATELY 4.2 MILES TO THE JUNCTION OF THIS ROAD AND AN EXISTING ROAD TO THE SOUTHWEST; TURN RIGHT AND PROCEED IN A SOUTHWESTERLY DIRECTION APPROXIMATELY 100' TO THE BEGINNING OF THE PROPOSED ACCESS TO THE SOUTH; FOLLOW ROAD FLAGS IN SOUTHERLY, THEN SOUTHWESTERLY DIRECTION APPROXIMATELY 0.1 MILES TO THE PROPOSED LOCATION.

TOTAL DISTANCE FROM VERNAL, UTAH TO THE PROPOSED WELL LOCATION IS APPROXIMATELY 56.0 MILES.

WESTPORT OIL AND GAS COMPANY, L.P.

BONANZA #1023-7M LOCATED IN UINTAH COUNTY, UTAH **SECTION 7, T10S, R23E, S.L.B.&M.**



CAMERA ANGLE: SOUTHEASTERLY



PHOTO: VIEW FROM BEGINNING OF PROPOSED ACCESS

CAMERA ANGLE: SOUTHERLY



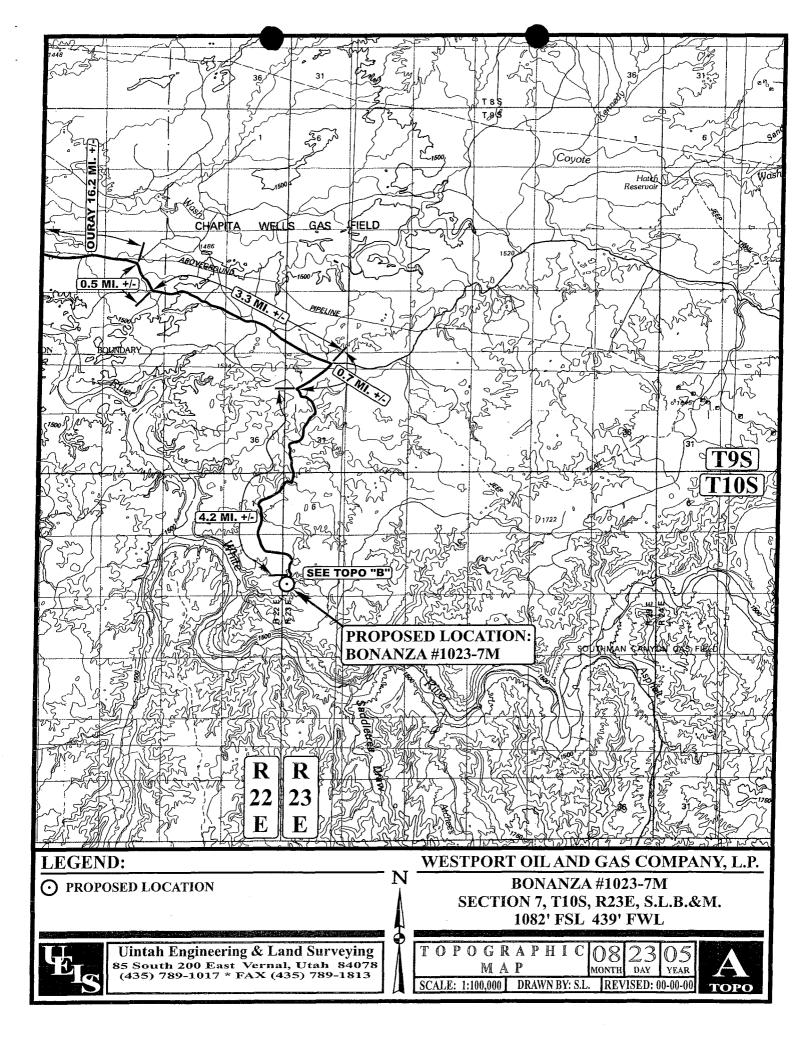
Uintah Engineering & Land Surveying 85 South 200 East Vernal, Utah 84078 435-789-1017 vels@uelsinc.com

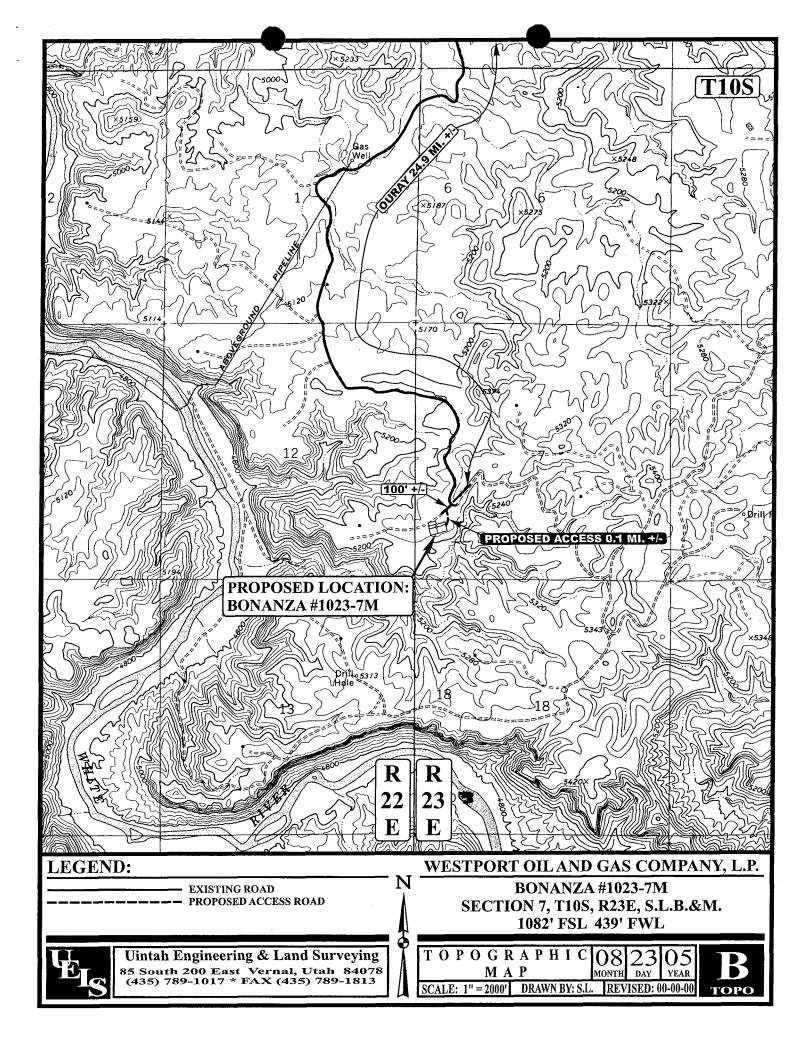
LOCATION PHOTOS

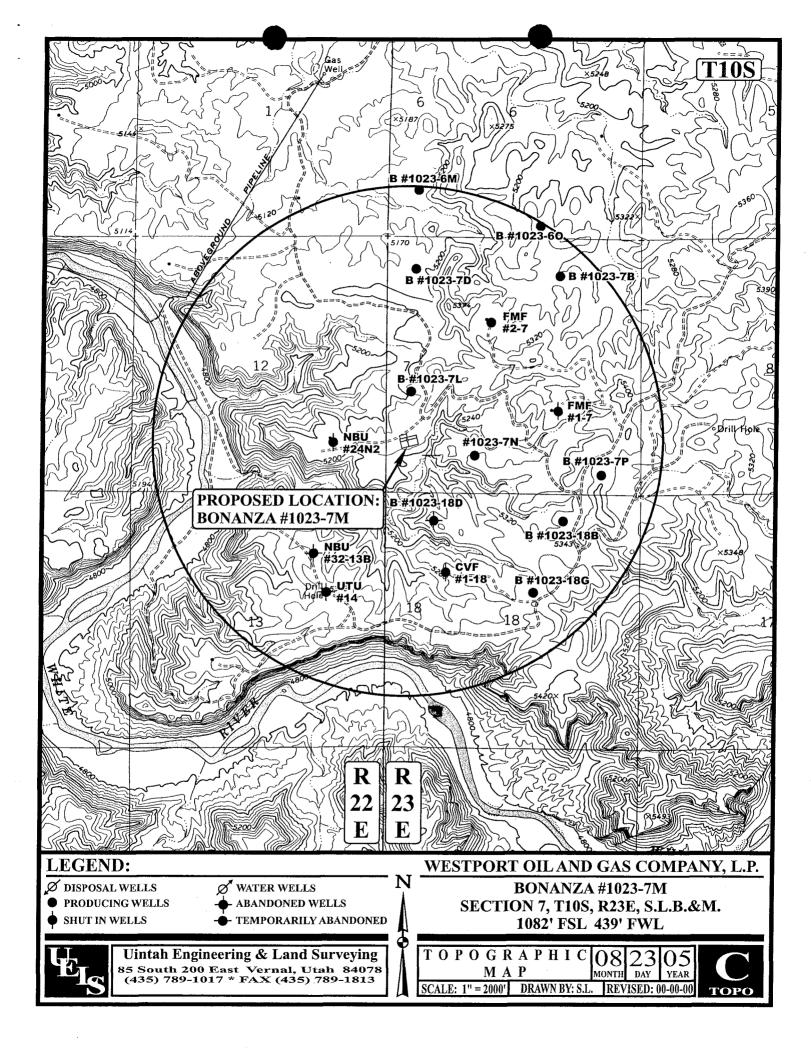
DAY

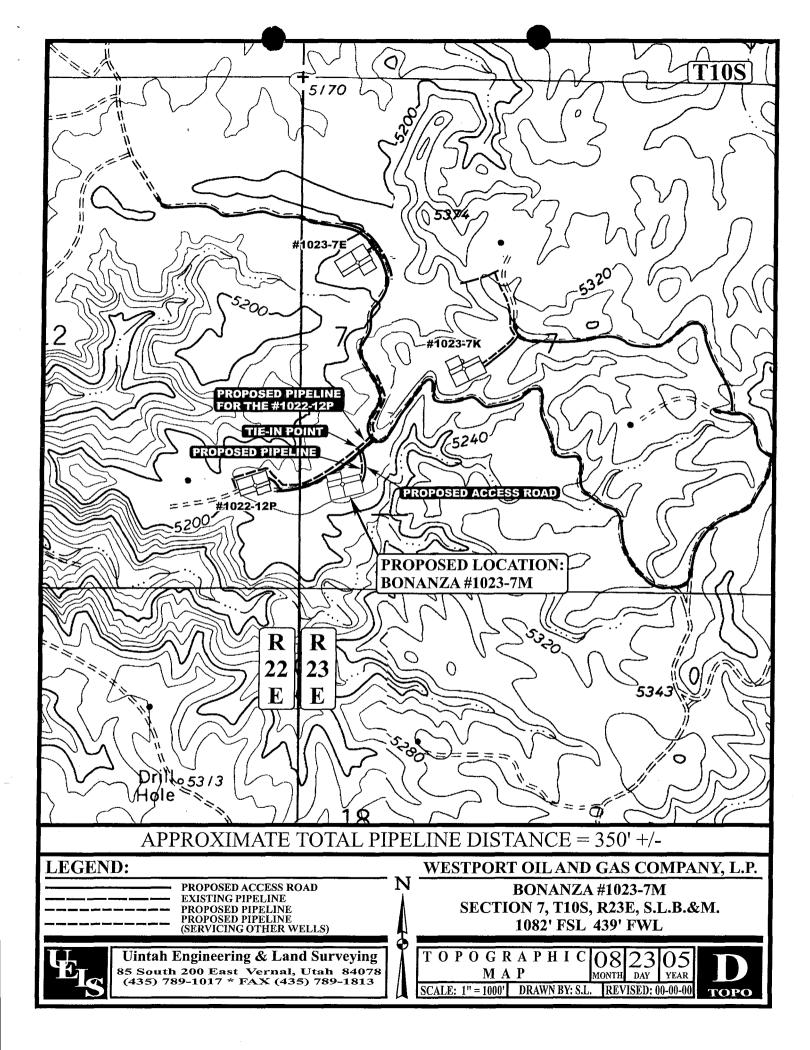
РНОТО

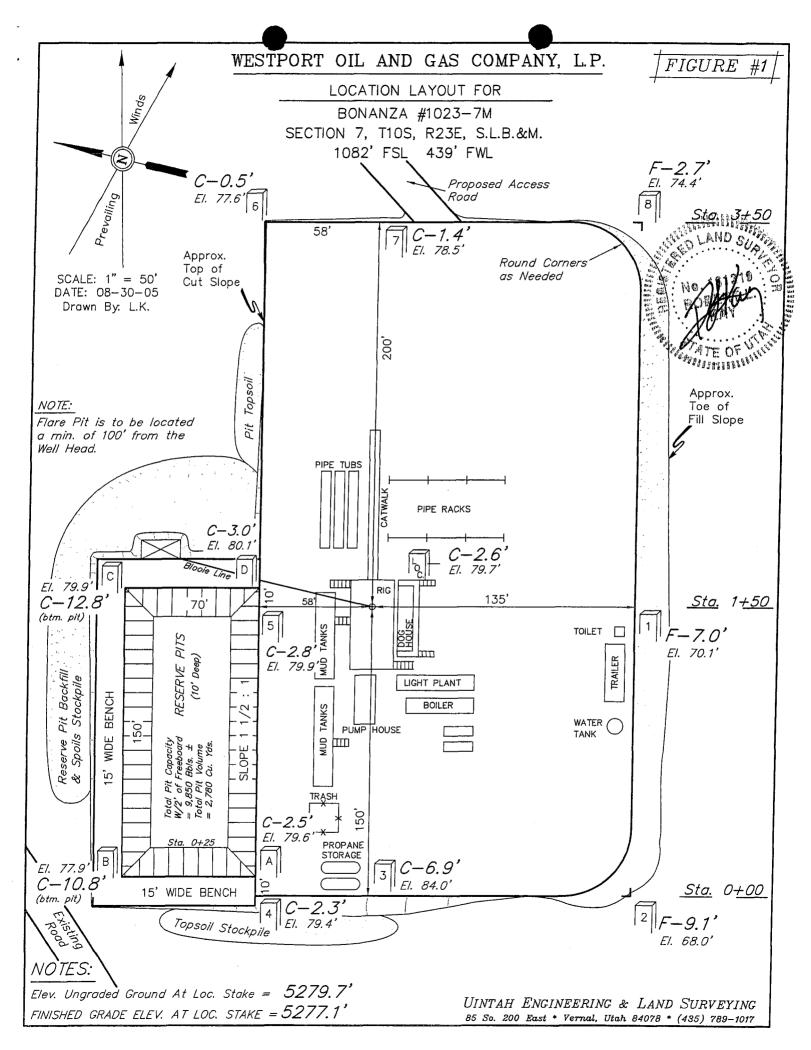
TAKEN BY: B.B. DRAWN BY: S.L. REVISED: 00-00-00

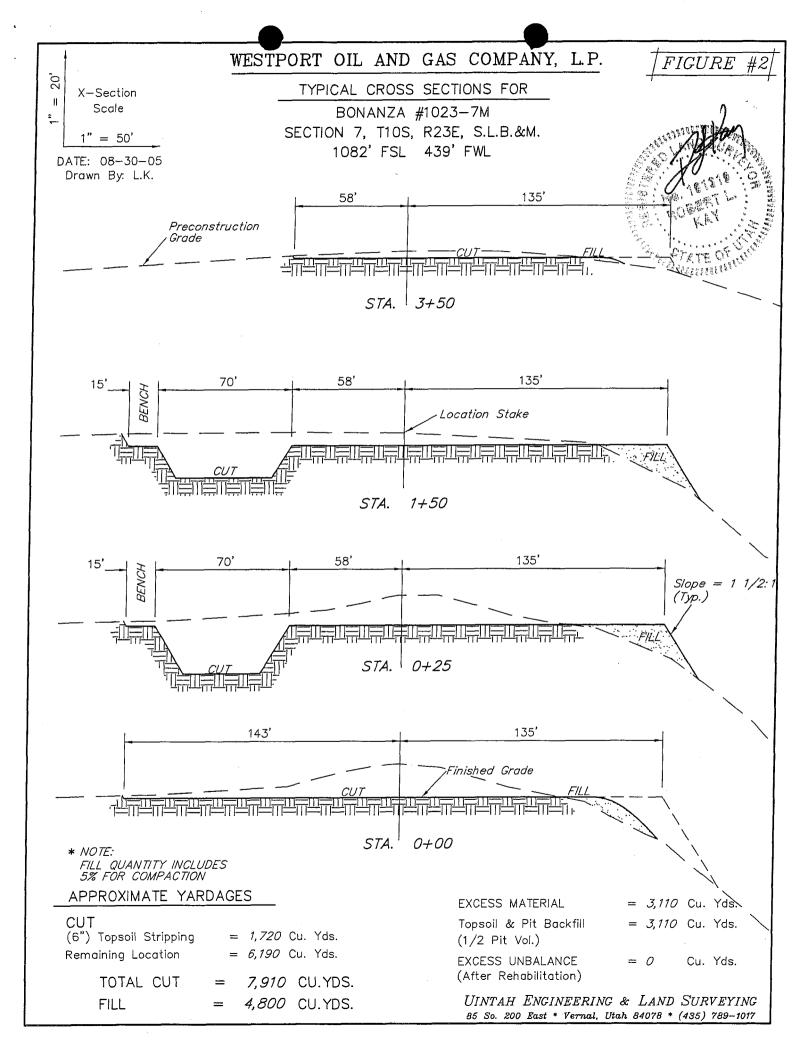




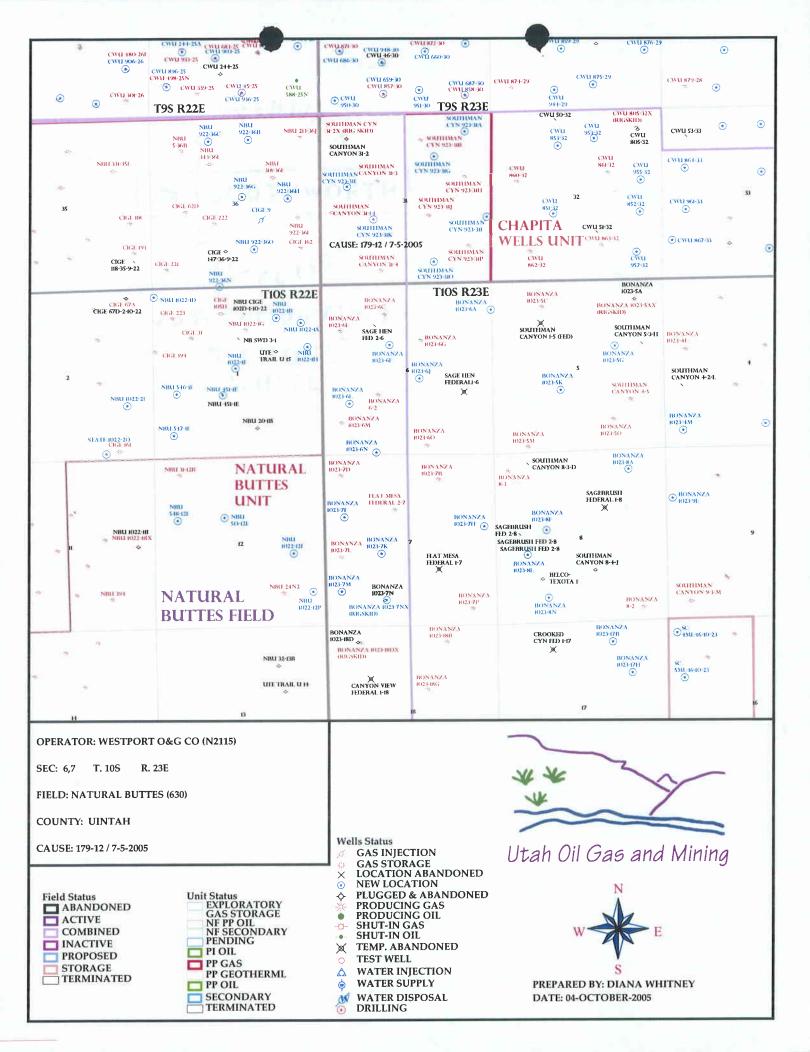








| APD RECEIVED: 10/03/2005 | API NO. ASSIGNED: 43-047-37215 |
|--|---|
| WELL NAME: BONANZA 1023-7M OPERATOR: WESTPORT OIL & GAS CO (N2115) CONTACT: DEBRA DOMENICI PROPOSED LOCATION: | PHONE NUMBER: 435-781-7060 |
| SWSW 07 100S 230E | INSPECT LOCATN BY: / / |
| SURFACE: 1082 FSL 0439 FWL BOTTOM: 1082 FSL 0439 FWL | Tech Review Initials Date |
| UINTAH | Engineering |
| NATURAL BUTTES (630) | Geology |
| LEASE TYPE: 1 - Federal LEASE NUMBER: UTU-38420 | Surface |
| SURFACE OWNER: 1 - Federal PROPOSED FORMATION: WSMVD COALBED METHANE WELL? NO | LATITUDE: 39.95919 LONGITUDE: -109.3767 |
| Plat Plat Bond: Fed[1] Ind[] Sta[] Fee[] (No. CO-1203) Potash (Y/N) N Oil Shale 190-5 (B) or 190-3 or 190-13 Water Permit (No. 43-8496) RDCC Review (Y/N) (Date:) Pee Surf Agreement (Y/N) Intent to Commingle (Y/N) | LOCATION AND SITING: R649-2-3. Unit R649-3-2. General Siting: 460 From Qtr/Qtr & 920' Between Wells R649-3-3. Exception Drilling Unit Board Cause No: |
| COMMENTS: | · · · · · · · · · · · · · · · · · · · |
| STIPULATIONS: 1- Kedera Chefrona | |
| | · |





State of Utah

Department of Natural Resources

MICHAEL R. STYLER Executive Director

Division of Oil, Gas & Mining

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.

GARY R. HERBERT Lieutenant Governor

October 5, 2005

Westport Oil & Gas Company 1368 South 1200 East Vernal, UT 84078

Re: Bonanza 1023-7M Well, 1082' FSL, 439' FWL, SW SW, Sec. 7, T. 10 South,

R. 23 East, Uintah County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann.§ 40-6-1 et seq., Utah Administrative Code R649-3-1 et seq., and the attached Conditions of Approval, approval to drill the referenced well is granted.

Appropriate information has been submitted to DOGM and administrative approval of the requested exception location is hereby granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-047-37215.

Sincerely,

Gil Hunt

Associate Director

pab Enclosures

cc: Uintah County Assessor

Bureau of Land Management, Vernal District Office

| Operator: | Westpo | rt Oil & Gas Company | | | |
|------------------------|-----------------|----------------------|-------------------|--|--|
| Well Name & Number | Bonanza 1023-7M | | | | |
| API Number: | 43-047 | | | | |
| Lease: | UTU-3 | · | | | |
| Location: <u>SW SW</u> | Sec7_ | T. 10 South | R. 23 East | | |

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

• Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

• Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

Division of Oil, Gas and Mining OPERATOR CHANGE WORKSHEET

ROUTING 1. DJJ 2. CDW

X Change of Operator (Well Sold)

Operator Name Change/Merger

| The operator of the well(s) listed below has cha | nged, effective: | | | 1/6/2006 | | |
|--|---|-------------------|---------------|---------------------------------------|-----------|--|
| FROM: (Old Operator): | | TO: (New O | perator): | ** | | <u>.</u> |
| N2115-Westport Oil & Gas Co., LP | | N2995-Kerr-M | | c Gas Onsho | re, LP | |
| 1368 South 1200 East | | | South 1200 | | ·, | |
| Vernal, UT 84078 | | | , UT 84078 | | | |
| Phone: 1-(435) 781-7024 | | Phone: 1-(435) | 781-7024 | | | |
| CA No | • | Unit: | <u> </u> | · · · · · · · · · · · · · · · · · · · | | ······································ |
| WELL NAME | SEC TWN RNC | API NO | ENTITY | LEASE | WELL | WELL |
| | 1 | | NO | TYPE | TYPE | STATUS |
| OPERATOR CHANGES DOCUMENT | ration | | | | | |
| Enter date after each listed item is completed | IATION | | | | | |
| 1. (R649-8-10) Sundry or legal documentation w | as received from the | FORMER ope | rator on: | 5/10/2006 | | |
| 2. (R649-8-10) Sundry or legal documentation w | | - | | 5/10/2006 | - | |
| 3. The new company was checked on the Depart | | - | | s Database o | on: | 3/7/2006 |
| 4a. Is the new operator registered in the State of | | Business Numb | - | 1355743-018 | | |
| 4b. If NO, the operator was contacted contacted | | _ | | | • | |
| 5a. (R649-9-2)Waste Management Plan has been r | received on: | IN PLACE | | | | |
| 5b. Inspections of LA PA state/fee well sites comp | olete on: | n/a | - | | | |
| 5c. Reports current for Production/Disposition & | Sundries on: | ok | • | | | |
| 6. Federal and Indian Lease Wells: Th | e BLM and or the l | BIA has appro | ved the n | nerger, nan | ne chan | ge. |
| or operator change for all wells listed on Fede | ral or Indian leases | on: | BLM | 3/27/2006 | | not yet |
| 7. Federal and Indian Units: | | | | | | |
| The BLM or BIA has approved the successor | | | | 3/27/2006 | | |
| 8. Federal and Indian Communization | | | | | | |
| The BLM or BIA has approved the operator | | | | n/a | | |
| 9. Underground Injection Control ("U | , | ivision has appro | | | sfer of A | uthority to |
| Inject, for the enhanced/secondary recovery u DATA ENTRY: | nit/project for the w | ater disposal wel | l(s) listed o | n: | | |
| 1. Changes entered in the Oil and Gas Database | | 5/15/2006 | | | | |
| Changes entered in the On and Gas Database Changes have been entered on the Monthly O | | 5/15/2006 | · | E /1 E /2006 | | |
| 3. Bond information entered in RBDMS on: | perator Change Sp | | | 5/15/2006 | | |
| Fee/State wells attached to bond in RBDMS or | n: | 5/15/2006 | | | | |
| 5. Injection Projects to new operator in RBDMS | | 3/10/2000 | | | | |
| 6. Receipt of Acceptance of Drilling Procedures | | | n/a | Name Chan | ge Only | |
| BOND VERIFICATION: | <u>, , , , , , , , , , , , , , , , , , , </u> | | | | 50 0 1137 | |
| 1. Federal well(s) covered by Bond Number: | | CO1203 | | | | |
| 2. Indian well(s) covered by Bond Number: | | RLB0005239 | | | | |
| 3. (R649-3-1) The \mathbf{NEW} operator of any fee well | l(s) listed covered by | | | RLB0005236 | 5 | |
| a. The FORMER operator has requested a release | of liability from the | eir bond on: | n/a | rider added | KMG | |
| The Division sent response by letter on: | ~ | | | | | |
| LEASE INTEREST OWNER NOTIFIC | | | | | | |
| 4. (R649-2-10) The FORMER operator of the fee | wells has been cont | acted and inform | | ter from the | Division | |
| of their responsibility to notify all interest owne COMMENTS : | ers or this change on | <u> </u> | 5/16/2006 | | | |
| ACTION AND AND AND AND AND AND AND AND AND AN | | | | | | |
| | | | | | | |

4 Form 3160-5 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

FORM APPROVED OMB No. 1004-0135 Expires Inovember 30, 2000 5. Lease Serial No.

| SUNDRY NOTICES AND REPORTS ON WELLS | | | | | MULTIPLE LEASES | | | |
|---|--|---------------------|--|---|--|---|--|--|
| Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals. | | | | | 6. If Indian, A | Allottee or Tribe | e Name | |
| SUBMIT IN TRIPLICATE – Other instructions on reverse side | | | | | | 7. If Unit or CA/Agreement, Name and/or No. | | |
| I. Type of Well Oil Well Gas Well | Other | | | | 8. Well Name | and No | | |
| 2. Name of Operator | Uner Other | | | | MUTIPLE | | | |
| KERR-McGEE OIL & GAS C | NSHORE LP | | | | 9. API Well N | | The state of the s | |
| 3a. Address | | 3b. Pl | hone No. (includ | le area code) | 1_ | | | |
| 1368 SOUTH 1200 EAST V | | <u> </u> | 781-7024 | | 10. Field and F | ool, or Explora | itory Area | |
| 4. Location of Well (Footage, Sec., | T., R., M., or Survey Description | 1) | | | 11 County or | Darich Ctota | | |
| SEE ATTACHED | | | | | 11. County or | | | |
| | | | | | UINTAH CO | DUNTY, UT | AH | |
| 12. CHECK APP | ROPRIATE BOX(ES) TÓ II | NDICA | TE NATURE | OF NOTICE, F | REPORT, OR C | THER DATA | 1 | |
| TYPE OF SUBMISSION | | | TYF | E OF ACTION | V | | | |
| Notice of Intent | Acidize | = | epen | | (Start/Resume) | Water Sh | | |
| Subsequent Report | Alter Casing Casing Repair Change Plans | Nev | cture Treat w Construction g and Abandon | Reclamation | | Well Inte | HANGE OF | |
| Final Abandonment Notice | Convert to Injection | | g Back | Water Disp | - | OI LIVI | | |
| Attach the Bond under which the wo following completion of the involved testing has been completed. Final Aldetermined that the site is ready for fin | operations. If the operation result bandonment Notices shall be filed al inspection. | s in a m only af | ultiple completion ter all requiremen | or recompletion its, including recla | in a new interval, amation, have been | a Form 3160-4 s n completed, and | hall be filed once | |
| OPERATOR OF THE ATTA | | | | | | <i>DE</i> E | NECCIVED | |
| KERR-McGEE OIL & GAS C | | | | | | | MAY 1 0 2006 | |
| OF THE LEASE(S) FOR TH IS PROVIDED BY STATE O | | | ED UPON LI | EASE LAND | S. BOND CC | VERAGE | LOCOL CAGO MINING | |
| | | | AF | PŘÔVE | D 511 | 6106" | /. OF OIL, GAS & MINING | |
| BLIII D | ONO = C 0/203 ONO = RLB 000 | ، سے د | 120 | Carlone | | . A | | |
| | |) 5 0 | | CULLINE | Gas and Min | 人 de======= | | |
| 14. I hereby certify that the foregoing Name (Printed/Typed) | g is true and correct | Titl | Fort | | Engineering | | 1 | |
| RANDY BAYNE | | | ILLING MAN | IAGER | | | | |
| Signature / Sayne | | Dat Ma | y 9, 2006 | | | | | |
| | THIS SPACE | FOR F | EDERAL OR S | TATE USE | | | | |
| Approved by | | | Title | | Date | | | |
| Conditions of approval, if any, are attached certify that the applicant holds legal or equ which would entitle the applicant to conduct | itable title to those rights in the subj t operations thereon. | ect lease | | | | N | | |
| Title 18 U.S.C. Section 1001, make | it a crime for any person know | vingly a | ınd willfully to ı | nake to any dep | artment or agend | cy of the United | d States any | |

false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Form 3 160-5 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0135 Expires Inovember 30, 2000

5. Lease Serial No.

| SUNDRY NOTICES AND REPORTS ON WELLS | | | MULTIPLE LEASES | | | | |
|--|--|--|--|--------------------------------------|---|--|--|
| Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals. | | | | 6. If Indian, Allottee or Tribe Name | | | |
| SUBMIT IN TRIPLICATE – Other instructions on reverse side | | | | | 7. If Unit or CA/Agreement, Name and/or No. | | |
| 1. Type of Well | | | | - | | | |
| Oil Well X Gas Well | Other | | | 8. Well Nan | ne and No. | | |
| 2. Name of Operator | | | | MUTIPL | E WELLS | | |
| WESTPORT OIL & GAS CO | OMPANY L.P. | | | 9. API Well | | | |
| 3a. Address | | 3b. Phone No. (inclu | de area code) | 1 | | | |
| 1368 SOUTH 1200 EAST VERNAL, UT 84078 (435) 781-7024 | | | | 10. Field and | Pool, or Exploratory Area | | |
| 4. Location of Well (Footage, Sec., | T., R., M., or Survey Description | on) | | | | | |
| SEE ATTACHED | | | | 11. County or | Parish, State | | |
| SEE ATTACHED | | | | UINTAH C | OUNTY, UTAH | | |
| 12. CHECK APP | PROPRIATE BOX(ES) TO I | NDICATE NATURE | OF NOTICE, R | EPORT, OR | OTHER DATA | | |
| TYPE OF SUBMISSION | | | PE OF ACTION | | | | |
| Notice of Intent | Acidize | Deepen Deepen | Production | (Start/Resume) | Water Shut-Off | | |
| _ | Alter Casing | Fracture Treat | Reclamatio | | Well Integrity | | |
| Subsequent Report | Casing Repair | New Construction | Recomplete | | Other CHANGE OF | | |
| Final Abandonment Notice | Change Plans Convert to Injection | Plug and Abandon Plug Back | Temporaril Water Disp | | OPERATOR | | |
| 13. Describe Proposed or Completed Ope | | | - | | | | |
| following completion of the involved testing has been completed. Final A determined that the site is ready for fine the site i | bandonment Notices shall be filed natinspection. 1006, WESTPORT OIL & THE ATTACHED WELL | d only after all requireme | nts, including recla L.P., HAS R KERR-McGE | mation, have bed | en completed, and the operator has HED | | |
| | | | | | RECEIVED | | |
| | Ca Dialata | rlove Rus | sell | | MAY 1 0 2006 | | |
| | Division Earlene I | of Oil, Gas and M Russell, Engineeri | fining na Thabalalan | | MM1 1 0 2006 | | |
| 14. I hereby certify that the foregoin | | - Inglicon | in tecinicisti | <u> </u> | IV OF OIL, GAS & MINING | | |
| Name (Printed/Typed) | g is true and correct | Title | | | | | |
| BRAD LANEY | | ENGINEERING | SPECIALIST | Г | | | |
| Signature | | Date May 9, 2006 | | | ************************************** | | |
| | THIS SPACE | FOR FEDERAL OR | STATE USE | | | | |
| Approved by | | Title | | Date | | | |
| Grad Janus | | | | 5-9 | 7-06 | | |
| Conditions of approval, if any, are attached certify that the applicant holds legal of equivalent would entitle the applicant to conduct which would entitle the applicant to conduct the second certification. | uitable title to those rights in the subject operations thereon. | ect lease | | • | | | |
| Title 18 U.S.C. Section 1001, make false, fictitious or fraudulent stateme | it a crime for any person known ents or representations as to any | wingly and willfully to matter within its jurisdi | make to any depa iction. | utment or agen | cy of the United States any | | |



United States Department of the Interior

BUREAU OF LAND MANAGEMENT Colorado State Office 2850 Youngfield Street Lakewood, Colorado 80215-7076

IN REPLY REFER TO:

CO922 (MM) 3106 COC017387 et. al.

March 23, 2006

NOTICE

Kerr-McGee Oil & Gas Onshore L.P. 1999 Broadway, Suite 3700 Denver, CO 80202

Oil & Gas

Merger/Name Change - Recognized

On February 28, 2006 this office received acceptable evidence of the following mergers and name conversion:

Kerr-McGee Oil & Gas Onshore L.P., a Delaware Limited Partnership, and Kerr-McGee Oil & Gas Onshore LLC, a Delaware Limited Partnership merger with and into Westport Oil and Gas Company L.P., a Delaware Limited Partnership, and subsequent Westport Oil & Gas Company L.P. name conversion to Kerr-McGee Oil & Gas Onshore L.P.

For our purposes the merger and name conversion was effective January 4, 2006, the date the Secretary of State of Delaware authenticated the mergers and name conversion.

Kerr-McGee Oil & Gas Onshore L.P. provided a list of oil and gas leases held by the merging parties with the request that the Bureau of Land Management change all their lease records from the named entities to the new entity, Kerr-McGee Oil & Gas Onshore L.P. In response to this request each state is asked to retrieve their own list of leases in the names of these entities from the Bureau of Land Management's (BLM) automated LR2000 data base.

The oil and gas lease files identified on the list provided by Kerr-McGee Oil & Gas Onshore L.P. have been updated as to the merger and name conversion. We have not abstracted the lease files to determine if the entities affected by the acceptance of these documents holds an interest in the lease, nor have we attempt to identify leases where the entity is the operator on the ground that maintains vested record title or operating rights interests. If additional documentation, for change of operator, is required you will be contacted directly by the appropriate Field Office. The Mineral Management Services (MMS) and other applicable BLM offices were notified of the merger with a copy of this notice

Please contact this office if you identify additional leases where the merging party maintains an interest, under our jurisdiction, and we will document the case files with a copy of this notice. If the leases are under the jurisdiction of another State Office that information will be forwarded to them for their action.

Three riders accompanied the merger/name conversion documents which will add Kerr-McGee Oil and Gas Onshore LLC as a principal to the 3 Kerr-McGee bonds maintained by the Wyoming State Office. These riders will be forward to them for their acceptance.

The Nationwide Oil & Gas Continental Casualty Company Bond #158626364 (BLM Bond #CO1203), maintained by the Colorado State Office, will remain in full force and effect until an assumption rider is accepted by the Wyoming State Office that conditions their Nationwide Safeco bond to accept all outstanding liability on the oil and gas leases attached to the Colorado bond.

If you have questions about this action you may call me at 303.239.3768.

/s/Martha L. Maxwell Martha L. Maxwell Land Law Examiner Fluid Minerals Adjudication

Attachment:

List of OG Leases to each of the following offices:

MMS MRM, MS 357B-1

WY, UT, NM/OK/TX, MT/ND, WY State Offices

CO Field Offices

Wyoming State Office

Rider #1 to Bond WY2357 Rider #2 to Bond WY1865 Rider #3 to Bond WY1127



United States Department of the Interior



BUREAU OF LAND MANAGEMENT
Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155
http://www.blm.gov

IN REPLY REFER TO: 3106 (UT-922)

March 27, 2006

Memorandum

To:

Vernal Field Office

From:

Chief, Branch of Fluid Minerals

Subject:

Merger Approval

Attached is an approved copy of the merger recognized by the Bureau of Land Management, Colorado State Office. We have updated our records to reflect the merger from Westport Oil and Gas Company L.P. into Kerr-McGee Onshore Oil and Gas Company. The merger was approved effective January 4, 2006.

Chief, Branch of Fluid Minerals

Enclosure

Approval letter from BLM COSO (2 pp)

ĊC:

MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225

State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114

Teresa Thompson

Joe Incardine

Connie Seare

Dave Mascarenas

Susan Bauman

7....

MAR 2 8 2006

EM OF CIL, CAC 2 INTER 3

Form 3 160-5 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0135 Expires Jnovember 30, 2000

5. Lease Serial No. UTU-38420

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

6. If Indian, Allottee or Tribe Name

| apangoneg weii. | Ose Form 3100-3 (Ar D) | | . p. sposa. | | | | |
|--|---|-------------------------|------------------------------------|----------------------------|-------------------------------|---|-------------------------------|
| SUBMIT IN TRIPLICATE – Other instructions on reverse side | | | | 7. If Unit or C | CA/Agreement, Name and/or No. | | |
| 1. Type of Well | | | | , | | | |
| Oil Well Gas Well | Other | | | | | 8. Well Name | and No. |
| 2. Name of Operator | | | | | | BONANZA | 1023-7M |
| KERR McGEE OIL AND GA | S ONSHORE LP | | | | l | 9. API Well N | lo. |
| 3a. Address | | 3b. Pho | ne No. (inclu | ide area co | ode) | 430473721 | 5 |
| 1368 SOUTH 1200 EAST VE | FRNAI UT 84078 | 435-78 | 1-7003 | | ı | 10. Field and P | ool, or Exploratory Area |
| 4. Location of Well (Footage, Sec., 7 | _, ,, ,, ,_, | | | | | UNDESIGN | NATED |
| 1082' FSL 439' FWL | | | | | | 11. County or I | Parish, State |
| SWSW SEC 7-T10S-R23E L | _OT 4 | | | | | UINTAH | |
| 12. CHECK APP | ROPRIATE BOX(ES) TO I | NDICAT | E NATURE | OF NOT | TICE, RI | EPORT, OR O | THER DATA |
| TYPE OF SUBMISSION | | | TY | PE OF A | CTION | | |
| Notice of Intent | Acidize Alter Casing | Deep | en ure Treat | = | oduction clamation | (Start/Resume) | Water Shut-Off Well Integrity |
| Subsequent Report | Casing Repair Change Plans | Plug | Construction and Abandon | n 🔲 Tei | | / Abandon | Other APD EXTENSION DOGM |
| Final Abandonment Notice 13. Describe Proposed or Completed Ope | Convert to Injection | | Back | _ | ater Disp | | |
| THE OPERATOR REQUES LOCATION SO THAT THE APPROVED BY THE DIVISION SO THAT THE APPROVED BY THE DIVISION SO THAT THE DIVISION SO | TS AUTHORIZATION F | FOR A NS MA MININ | PBE COM | TOBARI TOBARI Oil, I | D. THE | N FOR THE CORIGINAL DESIGN OF IND MINING | L APD WAS |
| is the six shorts for six | A4) | n = | | By: | 7 | | |
| 14. I hereby certify that the foregoing Name (Printed/Typed) | 5 is true and confect | Title | ; | | | A | 4 |
| RAMEY HOOPES | | | | F | REGUL | _ATORY CL | ERK |
| Signature Panels Manels | | | Date SEPTEMBER 21,2006 | | | | |
| | THIS SPACE | E FOR FI | DERAL OR | STATE U | USE | | |
| Approved by | | | Title | | | Date | |
| Conditions of approval, if any, are attached certify that the applicant holds legal or equivalent would entitle the applicant to conductive th | uitable title to those rights in the sub ct operations thereon. | bject lease | Office | | | | Cit II 's I Co |
| Title 18 U.S.C. Section 1001, make false, fictitious or fraudulent statem | e it a crime for any person kno ents or representations as to an | owingly a y matter v | nd willfully t vithin its juris | to make to sdiction. | any dep | partment or age | ncy of the United States any |

Application for Permit to Drill Request for Permit Extension Validation (this form should accompany the Sundry Notice requesting permit extension)

4304737215

API:

| Well Name: BONANZA 1023-7M | | | | | |
|---|-----------|--|--|--|--|
| Location: SWSW SEC 7-T10S-R23E LOT 4 Company Permit Issued to: KERR MCGEE OIL AND GAS ONSHORE LP | | | | | |
| Date Original Permit Issued: 10/5/2005 | | | | | |
| Jale Original i erinit issued. Twelster | | | | | |
| The undersigned as owner with legal rights to drill on the property as permabove, hereby verifies that the information as submitted in the previously | itted | | | | |
| approved application to drill, remains valid and does not require revision. | | | | | |
| Following is a checklist of some items related to the application, which shoverified. | uld be | | | | |
| f located on private land, has the ownership changed, if so, has the surfac agreement been updated? Yes□No☑ | е | | | | |
| Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☑ | | | | | |
| Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes□No☑ | | | | | |
| Have there been any changes to the access route including ownership, or right- of-way, which could affect the proposed location? Yes□No ☑ | | | | | |
| Has the approved source of water for drilling changed? Yes□No☑ | | | | | |
| Have there been any physical changes to the surface location or access rowhich will require a change in plans from what was discussed at the onsite evaluation? Yes□No☑ | oute : | | | | |
| Is bonding still in place, which covers this proposed well? Yes☑No□ | | | | | |
| Namara 11000 1 9/21/2006 | | | | | |
| - Parties August | | | | | |
| Signature / Date | | | | | |
| Title: REGULATORY CLERK | | | | | |
| Representing: KERR MCGEE OIL AND GAS ONSHORE L | | | | | |

Form 3160-3 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0136 Expires November 30, 2000

5. Lease Serial No.

UTU-38420

| APPLICATION FOR PERMIT TO | 6. If Indian, Anottee of Tribe Name | | | | | |
|--|--|--|--------------------------|---|--------------------------------------|--|
| 1a. Type of Work: X DRILL REENTER | | | | 7. If Unit or CA Agreement, Name and No. | | |
| b. Type of Well: Oil Well X Gas Well Other | ☐ s | ingle Zone | Multiple Zone | 8. Lease Name and BONAN | Well No. ZA 1023-7M | |
| 2. Name of Operator KERR MCGEE OIL AND GAS ONSHORE LP | | | | 9. API Well No. 43-041 | | |
| A. Address 3b. Phone No. (include area code) 1368 SOUTH 1200 EAST, VERNAL, UTAH 84078 (435) 781-7003 | | | | 10. Field and Pool, or Exploratory Natural Buttes | | |
| 4. Location of Well (Report location clearly and in accordance with a At surface SWSW LOT 4 1082' FSL 439' FWL At proposed prod. Zone | any State req | uirements.*) | | | or Blk, and Survey or Area T10S-R23E | |
| 14. Distance in miles and direction from nearest town or post office* 25 MILES SOUTHEAST OF OURAY, UTAH | | | | 12. County or Parisl UINTAH | 3 | |
| 15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) | | 536.6 | | t dedicated to this well 40 | | |
| I8. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. REFER TO TOPO C | 19. Proposed | d Depth 3475' | 20. BLM/BIA Bond | D. BLM/BIA Bond No. on file CO 1203 WY B0002 | | |
| 21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5279.7' GL | 22. Approxi | mate date work w Upon Appr | | | | |
| | 24. A | ttachments | | | | |
| The following, completed in accordance with the requirements of Ons | hore Oil and | Gas Order No. 1, | shall be attached to thi | s form: | | |
| Well plat certified by a registered surveyor. A Drilling Plan. A Surface Use Plan (if the location is on National Forest System La SUPO shall be filed with the appropriate Forest Service Office. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). 5. Operator certification. 6. Such other site specific information and/or plans as may be required by the authorized office. | | | | | |
| 25, Signature | Nan | ne (<i>Printed/Typed,</i> R |) RAMEY HOOPES | | Date 4/27/2006 | |

RAMEY HOOPES 4/27/2006

REGULATORY CLERK

JERRY KENGEL

3-14-200

Date

Assistant Field Manager
Lands & Mineral Resources

" VERNAL FIELD OFFICE

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct

operations thereon.

Conditions of approval, if any, are attached.

CONDITIONS OF APPROVAL ATTACHED

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

Approved by (Signature

MAR 3 0 2007

NOTICE OF APPROVAL



DIV. OF OIL, GAS & MINING

RECEIVED

Form 3160-3 (August 1999)

SEP 3 0 2005

FORM APPROVED OMB No. 1004-0136

Expires November 30, 2000 5. Lease Serial No.

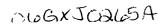
| DEPARTMENT OF THE INTE | ERIOR | VERNAL, UTA | 5. Lease Serial No. | 20420 | | |
|--|--|---|---|-----------|--|--|
| BUREAU OF LAND MANAGEM | UTU-38420 6. If Indian, Allottee or Tribe Name | | | | | |
| APPLICATION FOR PERMIT TO DR | ILL OR REEN | TER | o. If indian, Another of | THE Name | | |
| la. Type of Work: X DRILL REENTER | 7. If Unit or CA Agreement, Name and No. | | | | | |
| | | ľ | 8. Lease Name and We | II No. | | |
| b. Type of Well: Oil Well X Gas Well Other | Multiple Zone | BONANZA 1023-7M | | | | |
| 2. Name of Operator WESTPORT OIL & GAS COMPANY, L.P. | | | 9. API Well No. | | | |
| 3A. Address 1368 SOUTH 1200 EAST, VERNAL, UTAH 84078 | ode) 7060 | 10. Field and Pool, or Exploratory Natural Buttes | | | | |
| 4. Location of Well (Report location clearly and in accordance with any Statement SWSW LOT 4 1082' FSL 439' FWL | | 11. Sec., T., R., M., or Blk, and Survey or Area | | | | |
| At proposed prod. Zone 14. Distance in miles and direction from nearest town or post office* | | | SEC 7-T10S-R23E 12. County or Parish 13. State | | | |
| 25 MILES SOUTHEAST OF OURAY, UTAH | | | UINTAH | UT | | |
| | o. of Acres in lease | 17. Spacing Unit dec | | | | |
| | 636.6 | | | | | |
| 18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. REFER TO TOPO C | oposed Depth 8475' | 20. BLM/BIA Bond No. on file CO-1203 WY B00029 | | | | |
| 21. Elevations (Show whether DF, KDB, RT, GL, etc.) 22. Ap | proximate date work will start* | | 23. Estimated duration | | | |
| 5279.7' GL | Upon Appi | Upon Approval To Be Determined | | | | |
| 2 | 24. Attachments | | | | | |
| The following, completed in accordance with the requirements of Onshore O | il and Gas Order No. 1, | shall be attached to this | form: | | | |
| 1. Well plat certified by a registered surveyor. | 4. Bond to co | 4. Bond to cover the operations unless covered by an existing bond on file (see | | | | |
| 2. A Drilling Plan. | Item 20 at | Item 20 above). | | | | |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the | ne 5. Operator c | ertification. | | | | |
| SUPO shall be filed with the appropriate Forest Service Office. | site specific informatio office. | n and/or plans as may be i | required by the | | | |
| 25. Signature | Name (Printed/Typed |) | i Da | te | | |
| Delia menus | D | EBRA DOMENIC | CI ! | 9/28/2005 | | |
| Title | NVIRONMENTA | L ANALYST | | | | |
| Approved by (Signature) | Name (Printed/Typed) | | | te | | |
| Title | Office | | | | | |
| Application approval does not warrant or certify that the applicant holds legal operations thereon. Conditions of approval, if any, are attached. Title 18 U.S.C. Section 1001and Title 43 U.S.C. Section 1212, make it a crin | | | | | | |
| States any false, fictitious or fraudulent statements or representations as to an | | | | | | |

UNITED STATES

*(Instructions on reverse)

RECEIVED MAR 3 0 2007

DIV. OF OIL, GAS & MINING





UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT VERNAL FIELD OFFICE

VERNAL FIELD OFFICE VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Kerr McGee Oil & Gas Onshore LP Location: SWSW Lot 4, Sec 7, T10S, R23E

Well No: Bonanza 1023-7M Lease No: UTU-38420

API No: 43-047-37215 Agreement: N/A

170 South 500 East

Office: 435-781-4490 Cell: 435-828-4470 Matt Baker Petroleum Engineer: Petroleum Engineer: Michael Lee Office: 435-781-4432 Cell: 435-828-7875 Petroleum Engineer: Jim Ashley Office: 435-781-4470 Cell: 435-828-7874 Office: 435-781-4430 Cell: 435-828-7368 Petroleum Engineer: Ryan Angus Jamie Sparger Office: 435-781-4502 Cell: 435-828-3913 Supervisory Petroleum Technician: **Environmental Scientist:** Paul Buhler Office: 435-781-4475 Cell: 435-828-4029 Karl Wright Office: 435-781-4484 **Environmental Scientist:** Office: 435-781-4404 Holly Villa Natural Resource Specialist: Natural Resource Specialist: Melissa Hawk Office: 435-781-4476 Office: 435-781-4441 Natural Resource Specialist: Chuck Macdonald Darren Williams Office: 435-781-4447 Natural Resource Specialist: Natural Resource Specialist: Verlyn Pindell Office: 435-781-3402 Fax: 435-781-4410

A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR FIELD REPRESENTATIVE TO INSURE COMPLIANCE

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. This permit is approved for a one-year period. An additional year extension may be applied for by sundry notice prior to expiration.

NOTIFICATION REQUIREMENTS

Location Construction (Notify Holly Villa)

Forty-Eight (48) hours prior to construction of location and access roads.

Location Completion (Notify Holly Villa)

Prior to moving on the drilling rig.

Spud Notice

Twenty-Four (24) hours prior to spudding the well.

(Notify Petroleum Engineer)

Casing String & Cementing (Notify Jamie Sparger)

Twenty-Four (24) hours prior to running casing and cementing all casing strings.

BOP & Related Equipment Tests (Notify Jamie Sparger)

Twenty-Four (24) hours prior to initiating pressure tests.

First Production Notice

(Notify Petroleum Engineer)

- Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90)

days.

COAs: Page 2 of 6 Well: Bonanza 1023-7M

SURFACE USE PROGRAM CONDITIONS OF APPROVAL (COAs)

- During construction, if any vertebrate paleontological resources are discovered, all operations
 affecting such sites shall be immediately suspended, and all discoveries shall be left intact until
 authorized to proceed by the Authorized Officer. The Authorized Officer of the Vernal BLM
 office shall be notified within 48 hrs of the discovery, and a decision as to the preferred
 alternative/course of action will be rendered.
- The lessee/operator is given notice that lands on the lease have a stipulation. It is requested that the lessee/operator not initiate surface disturbing activities or drilling from May 15 through July 20.
- The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be recontoured and the topsoil respread, and the area shall be seeded in the same manner as the location topsoil.
- Once the location is plugged and abandoned, it shall be recontoured to natural contours, topsoil
 respread where appropriate, and the entire location seeded with the recommended seed mix.
 Seeding shall take place by broadcasting the seed and walking it into the soil with a dozer
 immediately after the dirt work is completed.
- Operator shall notify any active gilsonite mining operation within 2 miles of the location 48 hours prior to any blasting during construction for this well.

COAs: Page 3 of 6 Well: Bonanza 1023-7M

DOWNHOLE CONDITIONS OF APPROVAL

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

1. None.

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- 1. There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well. Any changes in operation must have prior approval from the BLM, Vernal Field Office Petroleum Engineers.
- 2. The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- 3. <u>Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.</u>
- 4. Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.

All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.

BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.

Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.

No aggressive/fresh hard-banded drill pipe shall be used within casing.

Cement baskets shall not be run on surface casing.

- 5. The lessee/operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled and analyzed (a copy of the analyses to be submitted to the BLM Field Office in Vernal, Utah).
- 6. All oil and gas shows shall be adequately tested for commercial possibilities, reported, and protected.

COAs: Page 4 of 6 Well: Bonanza 1023-7M

7. The lessee/operator must report encounters of all non oil & gas mineral resources (such as gilsonite, tar sands, oil shale, etc.) to the Vernal Field Office in writing within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.

- 8. No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM, Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM, Vernal Field Office shall be obtained and notification given before resumption of operations.
- 9. Chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.

Any change in the program shall be approved by the BLM, Vernal Field Office. "Sundry Notices and Reports on Wells" (Form BLM 3160-5) shall be filed for all changes of plans and other operations in accordance with 43 CFR 3162.3-2.

Emergency approval may be obtained orally, but such approval does not waive the written report requirement. Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan pursuant to Onshore Oil & Gas Order No. 1 of 43 CFR 3164.1 and prior approval by the BLM, Vernal Field Office.

In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.

10. Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

COAs: Page 5 of 6 Well: Bonanza 1023-7M

A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.

Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.

11. All off-lease storage, off-lease measurement, or commingling on-lease or off-lease shall have prior written approval from the BLM, Vernal Field Office.

All measurement points shall be identified as point of sales or allocation for royalty determination prior to the installation of facilities.

- 12. Oil and gas meters shall be calibrated in place prior to any deliveries. The Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM, Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement.
- 13. A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM, Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- 14. This APD is approved subject to the requirement that, should the well be successfully completed for production, the BLM, Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - a. Operator name, address, and telephone number.
 - b. Well name and number.
 - c. Well location (1/41/4, Sec., Twn, Rng, and P.M.).
 - d. Date well was placed in a producing status (date of first production for which royalty will be paid).
 - e. The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - f. The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.

COAs: Page 6 of 6 Well: Bonanza 1023-7M

- g. Unit agreement and / or participating area name and number, if applicable.
- h. Communitization agreement number, if applicable.
- 15. Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from Field Office Petroleum Engineers.
- 16. All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production
- 17. Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- 18. Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

Form 3 160-5 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR **BUREAU OF LAND MANAGEMENT**

FORM APPROVED OMB No. 1004-0135 Expires In ovember 30, 2000

5. Lease Serial No. UTU-38420

SUNDRY NOTICES AND REPORTS ON WELLS

6. If Indian, Allottee or Tribe Name

| | Use Form 3160-3 (APD) | | n proposal | s. | | |
|--|--|------------------------------|--|---|--|---|
| SUBMIT IN TRIPL | ICATE – Other instru | ctions o | on revers | e side | 7. If Unit or | CA/Agreement, Name and/or No. |
| 1. Type of Well Oil Well Gas Well | Other | | | | 8. Well Nam | |
| 2. Name of Operator KERR McGEE OIL AND GA | C ONCHORE LD | | | | 9. API Well | |
| 3a. Address | 3 ONSHORE LF | 3b. Pho | ne No. (inclu | de area code) | 43047372 | |
| 1368 SOUTH 1200 EAST VI | ERNAL LIT 84078 | 435-78 | | , | | Pool, or Exploratory Area |
| 4. Location of Well (Footage, Sec., | | | 7 7000 | | NATURAL | · · · · · · · · · · · · · · · · · · · |
| 1082'FSL-439'FWL | 1., 1, 1, 67 5 10, 2 555 | , | | | 11. County or | |
| SWSW LOT 4 SEC 7-T10S- | DOSE | | | | | |
| 300300 LOT 4 SEC 7-1103- | -NZSL | | | | UINTAH, I | JTAH |
| 12. CHECK APP | ROPRIATE BOX(ES) TO | INDICAT | E NATURE | OF NOTICE, F | REPORT, OR | OTHER DATA |
| TYPE OF SUBMISSION | | | | PE OF ACTIO | | |
| Notice of Intent Subsequent Report Final Abandonment Notice 13. Describe Proposed or Completed Ope If the proposal is to deepen directions Attach the Bond under which the wo | ally or recomplete horizontally, g | New Plug Plug t details, inc | en ure Treat Construction and Abandon Back Juding estimate ce locations ar | Production Reclamati Recomple Temporari Water Dis | n (Start/Resume) ion ite ily Abandon iposal any proposed wor | Well Integrity Other APD EXTENSION DOGM k and approximate duration thereof of all pertinent markers and zones. |
| following completion of the involved testing has been completed. Final A determined that the site is ready for fir THE OPERATOR REQUES LOCATION SO THAT THE APPROVED BY THE DIVIS | bandonment Notices shall be file nat inspection. TS AUTHORIZATION DRILLING OPERATIO | FOR A | r all requireme ONE YEAI ' BE COM | ents, including recl REXTENSIC PLETED. TH | DN FOR THI DN FOR THI HE ORIGINA Appr Utah | E SUBJECT WELL |
| 9- <i>3</i> 8 | -07 h | | | | Date: 💇 | 2-27-07 |
| 14. I hereby certify that the foregoin | g is true and correct | | | | | |
| Name (Printed/Typed) | MODILIEN | Title | | IΔN | ID SPECIAL | IST |
| REBECCA Signature | WORTHEN | Date | | | | |
| Leteur | Vorthan_ | | | · · · · · · · · · · · · · · · · · · · | tember 18, 2 | 2007 |
| | THIS SPAC | E FOR FE | | STATE USE | | |
| Approved by | | | Title | | Date | |
| Conditions of approval, if any, are attached certify that the applicant holds legal or equivalent would entitle the applicant to conduct the applicant the applicant to conduct the applicant to conduct the applicant the applicant to conduct the applicant to conduct the applicant the applicant to conduct the applicant to conduct the applicant the applicant to conduct the applicant to conduct the applicant the applicant to conduct the applicant to conduct the applicant to conduct the applicant the applicant to conduct the applicant the applicant the applicant the applicant to conduct the applicant the applican | uitable title to those rights in the su | warrant or ibject lease | Office | | | |

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

SEP 2 5 2007

Application for Permit to Drill Request for Permit Extension Validation

Validation
(this form should accompany the Sundry Notice requesting permit extension)

| | 4304737215 | | |
|---|--|---|---|
| · · · · · | BONANZA 1023-7M SWSW, SEC 7-T10S-R2 | 2 F | |
| Location: | | SE RR-MCGEE OIL AND G | AS ONSHORE LP |
| | Permit Issued: 10/5 | | NO OTTORE EL |
| The undersign above, hereby | ed as owner with leg verifies that the info | | e property as permitted in the previously t require revision. |
| Following is a verified. | checklist of some ite | ms related to the app | olication, which should be |
| | rivate land, has the c en updated? Yes⊡N | | f so, has the surface |
| | | vicinity of the propose for this location? Yes | ed well which would affect □ No ☑ |
| | | greements put in plac osed well? Yes⊟No | ce that could affect the ☑ |
| | | ne access route inclu- osed location? YesE | ding ownership, or right- ⊒No ☑ |
| Has the appro | ved source of water | for drilling changed? | Yes□No⊠ |
| Have there be which will requevaluation? Ye | ire a change in plan | nges to the surface lo s from what was disc | ocation or access route cussed at the onsite |
| Is bonding still | in place, which cove | ers this proposed wel | l? Yes☑No□ |
| Keleur | Wothen | | 9/17/2007 Date |
| Signature | | | Date |
| Title: LAND SI | PECIALIST | | |
| Representing: | Kerr McGee Oil and G | as Onshore LP | |
| | | | RECEIVED |
| | | | SEP 2 5 2007 |
| | | | JEL 7 3 700/ |

STATE OF UTAH **DEPARTMENT OF NATURAL RESOURCES** DIVISION OF OIL, GAS AND MINING

ENTITY ACTION FORM

Operator:

KERR McGEE OIL & GAS ONSHORE LP

Operator Account Number: N 2995

Address:

1368 SOUTH 1200 EAST

city VERNAL

state UT zip 84078

Phone Number: (435) 781-7024

Well 1

| API Number | Well | Name | QQ | Sec | Twp | Rng | County |
|-------------|--------------------------|----------------------|------|----------|-----|-----|------------------------------|
| 4304737216 | BONANZA 1023-7K | | NESW | 7 | 108 | 23E | UINTAH |
| Action Code | Current Entity Number | New Entity Number | S | pud Da | te | 1 | y Assignment fective Date |
| A | 99999 | 16714 | 2 | /23/200 | 8 | 2/ | 28/08 |
| Comments: | 99999 | 16714 | | 2/23/200 | 8 | 12/ | 28/0 |

MIRU PETE MARTIN BUCKET RIG. WSMVDSPUD WELL LOCATION ON 02/23/2008 AT 1300 HRS.

Well 2

| API Number | Well Name | | QQ | Sec | Twp | Rng | County |
|-------------|--------------------------|----------------------|------|-----------|-----|-------------------------------------|--------|
| 4304737215 | BONANZA 1023-7M | 100 | swsw | 7 | 108 | 23E | UINTAH |
| Action Code | Current Entity Number | New Entity Number | S | Spud Date | | Entity Assignment Effective Date | |
| A | 99999 | 16715 | 2 | 2/23/200 | 8 . | 21 | 128/08 |

MIRU PETE MARTIN BUCKET RIG. SPUD WELL LOCATION ON 02/23/2008 AT 0300 HRS.

Well 3

| API Number | Well h | Name | QQ | Sec | Twp | Rng | County |
|-------------|--------------------------|----------------------|----|-----------|-----|-------------------------------------|--------|
| Action Code | Current Entity Number | New Entity Number | s | Spud Date | | Entity Assignment Effective Date | |
| omments: | | | | | · | <u></u> | |

ACTION CODES:

- A Establish new entity for new well (single well only)
- B Add new well to existing entity (group or unit well)
- C Re-assign well from one existing entity to another existing entity
- D Re-assign well from one existing entity to a new entity
- E Other (Explain in 'comments' section)

SHEILA UPCHEGO

SENIOR LAND SPECIÁLIST

2/25/2008

(5/2000)

FEB 2 5 2008

RECEIVED

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

| Name of Company: Kerr-McGee Oil & Gas | Onshore, LP |
|--|---------------------|
| Well Name: Bonanza 1023-7M | |
| API No: 43-047-37215 | Lease Type: Federal |
| Section <u>07</u> Township <u>10S</u> Range <u>23E</u> | County Uintah |
| Drilling Contractor Pete Martin | Rig # Bucket |
| SPUDDED: | |
| Date 2-23-08 | _ |
| Time 3:00 AM | _ |
| How_Dry | |
| Drilling will Commence: | |
| Reported by Lou Weldon | |
| Telephone #435-828-7035 | |
| Date 2-26-08 | Signed RM |

Form 3160-5 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0135 Expires Inovember 30, 2000

6. If Indian, Allottee or Tribe Name

5. Lease Serial No. UTU-38420

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

| abandoned well. \ | Jse Form 3160-3 (APD) | for such proposals. | | | |
|--|--|---|-----------------------------------|---------------------------------------|--|
| SUBMIT IN TRIPLIC | CATE – Other instruc | ctions on reverse | side | 7. If Unit or CA | A/Agreement, Name and/or No. |
| 1. Type of Well Oil Well Name of Operator | Other | | | 8. Well Name a BONANZA 9. API Well No | A 1023-7M |
| KERR-McGEE OIL & GAS C | NSHORE LP | 3b. Phone No. (include | area code) | 4304737215 | 5 |
| 1368 SOUTH 1200 EAST V 4. Location of Well (Footage, Sec., T | ERNAL, UT 84078 | (435) 781-7024 | | 10. Field and Po | ool, or Exploratory Area BUTTES |
| SW/SW LOT 4, SEC. 7, T10 | | 139'FWL | OF NOTICE, F | | DUNTY, UTAH |
| TYPE OF SUBMISSION | (C) 14:112 2 31-() | | E OF ACTION | | |
| Notice of Intent Subsequent Report | Acidize Alter Casing Casing Repair | Deepen Fracture Treat New Construction | Reclamation Recomple | te | Water Shut-Off Well Integrity Other WELL SPUD |
| Final Abandonment Notice | Change Plans Convert to Injection | Plug and Abandon Plug Back | Water Dis | • | and approximate duration thereof. |
| Describe Proposed or Completed Ope If the proposal is to deepen directions | rations (clearly state all pertiner ally or recomplete horizontally, | nt details, including estimate give subsurface locations and | d measured and to RIM/RIA Reco | ue vertical depths | of all pertinent markers and zones. ports shall be filed within 30 days |

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

MIRU PETE MARTIN BUCKET RIG. DRILLED 20" CONDUCTOR HOLE TO 40'. RAN 14" 36.7# SCHEDULE 10 PIPE. CMT W/28 SX READY MIX.

SPUD WELL LOCATION ON 02/23/2008 AT 0300 HRS.

| Name (Printed/Typed) SHEILA UPCHEGO Sieplature | Title SENIOR LAND ADMIN SPECI Date February 25, 2008 | ALIST | | | | |
|---|---|---|--|--|--|--|
| THIS SPACE FOR FEDERAL OR STATE USE | | | | | | |
| Approved by | Title | Date | | | | |
| Conditions of approval, if any, are attached. Approval of this notice does not warran certify that the applicant holds legal or equitable title to those rights in the subject legal. | of Office | | | | | |
| which would entitle the applicant to conduct operations mercon. | ly and willfully to make to any departs | nent or agency of the United States any | | | | |
| which would entitle the applicant to conduct operations thereon. Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. | | | | | | |

(Instructions on reverse)

MAR 0 3 2008

Form 3 160-5 August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR

BUREAU OF LAND MANAGEMENT

5. Lease Serial No.

| SUNDRY NOTICES | AND REP | ORTS ON | 1 WELLS |
|----------------|---------|---------|---------|
|----------------|---------|---------|---------|

Do not use this form for proposals to drill or reenter an

UTU-38420

6. If Indian, Allottee or Tribe Name

FORM APPROVED OMB No. 1004-0135 Expires Jnovember 30, 2000

| abandoned well. | Use Form 3160-3 (APD) | for such | proposal | 5. | | | |
|--|--|--|------------------------------|---|---|--|--|
| | ICATE – Other instru | ctions or | ı revers | e side | 7. If Unit o | or CA/Agreement, Name and/or No. | |
| 1. Type of Well | — | | | | 8. Well Na | ma and Na | |
| Oil Well X Gas Well | Other | | | | | | |
| 2. Name of Operator | | | | | | NZA 1023-7M | |
| KERR-McGEE OIL & GAS (| ONSHORE LP | | | | 9. API We | | |
| 3a. Address | | | • | le area code) | 4304737 | | |
| 1368 SOUTH 1200 EAST V | | (435) 78 | 1-7024 | | ł | d Pool, or Exploratory Area | |
| 4. Location of Well (Footage, Sec., 7 | T., R., M., or Survey Description | n) | | | | AL BUTTES | |
| SW/SW LOT 4, SEC. 7, T10 | | | | | 11. County or Parish, State UINTAH COUNTY, UTAH | | |
| 12. CHECK APP | ROPRIATE BOX(ES) TO I | NDICATE | NATURE | OF NOTICE, R | EPORT, OR | OTHER DATA | |
| TYPE OF SUBMISSION | | | TY. | PE OF ACTION | | | |
| Notice of Intent Subsequent Report | Acidize Alter Casing Casing Repair | _ | e Treat onstruction | Reclamation | ; | e) Water Shut-Off Well Integrity Other | |
| | Change Plans | = | d Abandon | Temporarily | | Mayora | |
| Final Abandonment Notice | Convert to Injection | Plug Ba | ack | Water Disp | osal | | |
| Attach the Bond under which the worfollowing completion of the involved testing has been completed. Final Aldetermined that the site is ready for fin THE OPERATOR REQUES LOCATION. THE OPERAT IN THE CASING APPROXIMALE PLEASE REFER TO THE A | operations. If the operation results bandonment Notices shall be file at inspection. TS AUTHRORIZATION OR HAD SET SURFAMMATELY 1724'. THE CONTRACHED CASING RECOPY Date: Initials | Its in a multip d only after a N TO REI CE CSG (DPERATO | PAIR THON 03/10 OR PROPERTOR | n or recompletion ints, including recla E CASING FO 0/2008, TO 2 POSES TO R | n a new intervention, have | val, a Form 3160-4 shall be filed once been completed, and the operator has SUBJECT WELL FOUND A HOLE | |
| 14. I hereby certify that the foregoing | s is true and correct | Title | | | Div | , or oil, and a mining | |
| Name (Printed/Typed) SHEILA UPCHEGO | | | OR LAND | ADMIN SPE | CIALIST | | |
| Signature 100 M | Ulluno | Date | 3, 2008 | | | | |
| | // THIS SPAC | E FOR FED | ERAL OR | STATE USE | , inc | 1.3.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1 | |
| Approved by | | | | Accepted I Utah Divis | | Federal Approval Of This | |
| Conditions of approval, if any, are attached certify that the applicant holds legal or equ which would entitle the applicant to conduct | itable title to those rights in the sul et operations thereon. | oject lease | | ii, Gas and | 08 | Action is Necessary | |
| Title 18 U.S.C. Section 1001, make false, fictitious or fraudulent stateme | | | | | artinent or | gency of the United States any | |

Bonanza 1023-7M surface casing hole repair

Drill, case, and cement

10

40' of 14" conductor was set on 2/23/08

Air rig spudded @ 1900 on 3/10/08

12.25" hole was drilled to 2130'

9.625" 36# J55 was run to approximately 2075' (last 9 joints were washed down)

Cemented first stage with 300 sx of 15.8 ppg Class G (did not bump plug)

When removed cement head well on vacuum

1st top job 150 sx down backside

Attempted to fill inside of casing with water but no success

2nd top job 100 sx down backside

3rd top job 125 sx down backside when decided to release cement crew due to suspect hole

Evaluation

On 3/16 rigged Pro Petro up to evaluate well bore

RIH w/ 8.75" bit. Hit fluid at 260' and tagged up at 1730'.

Drilled rubber plug then fell to 2030' where rig drilled float collar then W&R to guide shoe at 2075'. TOOH and release rig.

On 3/20 ran CBL (attached) which showed probable hole in casing at 1724' due to large collar kick. CBL showed no cement f/ shoe to 1530' then good cement f/ 800'-1530' and no cement above 800'. On 3/26/08 ran tracer survey to evaluate fluid movement. Tracer showed 70% of fluid exiting hole at 1724' and 30% exiting 9.625" casing shoe. On 3/29 ran video camera (attached) to evaluate hole at 1724'. Camera showed about half of collar missing with 2"-3" gap.

Solution and procedure

Kerr-McGee would like to propose the following procedure to salvage this wellbore.

- 1. Notify BLM of intent to drill new 8.75" hole.
- 2. MIRU Pro Petro
- 3. PU 8.75" bit and BHA
- 4. TIH to casing shoe at ± 2075 '. Drill shoe and ± 400 ' of new formation to ± 2450 '. Circulate hole clean and TOOH.
- 5. Perforate 9.625" casing f/ 790-91' w/ 90° phasing and 4spf
- 6. Run 7" 23# J55 casing with slim hole centralizers to be placed on bottom 3 joints and above and below holes at 790' and 1724'. Land casing and release rig.
- 7. Cement well with 30% excess of 11 ppg lead from surface to 1700' and 30% excess of 15.8 ppg tail from 1700' to 2500'. Perform top jobs as needed.
- 8. Install cellar ring and wellhead to prepare for rotary rig.

Form 3 160-5 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0135 Expires Jnovember 30, 2000

6. If Indian, Allottee or Tribe Name

5. Lease Serial No.

UTU-38420

SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

| | | , | | | |
|--|---|-----------------------------------|-----------------------|---|--|
| SUBMIT IN TRIPL | 7. If Unit or CA/Agreement, Name and/or No. | | | | |
| 1. Type of Well | | | | _ | |
| Oil Well X Gas Well | Other | | | 8. Well Name and No. | |
| 2. Name of Operator | | | | BONANZA 1023-7M | |
| KERR-McGEE OIL & GAS | ONSHORE LP | | | 9. API Well No. | |
| 3a. Address | | 3b. Phone No. (includ | le area code) | 4304737215 | |
| 1368 SOUTH 1200 EAST | VERNAL, UT 84078 | (435) 781-7024 | | 10. Field and Pool, or Exploratory Area | |
| 4. Location of Well (Footage, Sec., | T., R., M., or Survey Descripti | on) | | NATURAL BUTTES | |
| | | | | 11. County or Parish, State | |
| SW/SW LOT 4, SEC. 7, T10 | SW/SW LOT 4, SEC. 7, T10S, R23E 1082'FSL, 439'FWL | | | | |
| 12. CHECK APF | PROPRIATE BOX(ES) TO | INDICATE NATURE | OF NOTICE, F | REPORT, OR OTHER DATA | |
| TYPE OF SUBMISSION | | TY | PE OF ACTION | N | |
| Notice of Intent | Acidize Alter Casing | Deepen Fracture Treat | Production Reclamatic | n (Start/Resume) Water Shut-Off on Well Integrity | |
| X Subsequent Report | X Casing Repair Change Plans | New Construction Plug and Abandon | Recomplet | = | |
| Final Abandonment Notice | Convert to Injection | Plug Back | Water Dis | | |
| If the proposal is to deepen direction | ally or recomplete horizontally, | give subsurface locations an | d measured and tr | any proposed work and approximate duration thereof ue vertical depths of all pertinent markers and zones | |

Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

MIRU PROPETRO AIR RIG ON 04/12/2008. RIH TAG SHOE AT 2075' DRILL TO 2550' W/8 3/4 BIT T/D CONDITION HOLE, TRIP DP OUT OF HOLE, RIH TO 790' PERF HOLES, RUN 2538' OF 7" 23# J-55 CSG, AND 200' OF 1" PIPE. CMT W/125 SX HIFILL CLASS G @11.0 PPG 3.82 YIELD. TAILED CMT W/225 SX PREM CLASS G @15.8 PPG 1.15 YIELD. GOOD RETURNS THROUGH JOB 5 +/- BBLS LEAD CMT TO PIT. RAN 160 SX PREM CLASS G @15.8 PPG 1.15 YIELD DOWN 1" PIPE NO CMT TO SURFACE. TOP OUT W/108 SX PREM CLASS G @15.8 PPG 1.15 YIELD. DOWN BACKSIDE. OF 9 5/8" 14" CONDUCTOR AND 58 SX PREM CLASS G @15.8 PPG 1.15 YIELD. DOWN 7" AND 9 5/8" CSG GOOD CMT TO SURFACE HOLE STAYED FULL. WORT.

| 14. I hereby certify that the foregoing is true and correct | | | |
|---|------------------------|--|--|
| Name (Printed/Typed) | Title | | |
| SHEILA UPCHEGO | SENIOR LAND A | ADMIN SPECIALIST | |
| | Date April 16, 2008 | | |
| THIS SPACE FO | R FEDERAL OR STA | ATE USE | |
| Approved by | Title | Date | |
| Conditions of approval, if any, are attached. Approval of this notice does not warrar certify that the applicant holds legal or equitable title to those rights in the subject lewhich would entitle the applicant to conduct operations thereon. | | | |
| Tid 10 110 C C | 1 | also to any description of the I laited Ctates and | |

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States an RECEIVED APR 2 1 2008 false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Form 3160-5 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0135 Expires Inovember 30, 2000

6. If Indian, Allottee or Tribe Name

5. Lease Serial No. UTU-38420

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

| apandoned well. | USE FORM 3 160-3 (APD) |) for such proposals | ·. | | | | |
|--|--|---|---|---|---|--|--|
| SUBMIT IN TRIPL | ICATE – Other instru | ıctions on reverse | side | 7. If Unit or C | CA/Agreement, Name and/or No. | | |
| 1. Type of Well Oil Well X Gas Well | Other | | | 8. Well Name | and No. | | |
| 2. Name of Operator | | | | BONANZ | 'A 1023-7M | | |
| KERR-McGEE OIL & GAS | ONSHORE LP | | | 9. API Well N | No. | | |
| 3a. Address | | 3b. Phone No. (includ | le area code) | 430473721 | 5 | | |
| 1368 SOUTH 1200 EAST \ | VERNAL, UT 84078 | (435) 781-7024 | | 10. Field and Pool, or Exploratory Area | | | |
| 4. Location of Well (Footage, Sec., 2 | T., R., M., or Survey Description | on) | W | NATURAL | BUTTES | | |
| | | | | 11. County or l | Parish, State | | |
| SW/SW LOT 4, SEC. 7, T10 | OS, R23E 1082'FSL, 4 | 139'FWL | | UINTAH C | OUNTY, UTAH | | |
| 12. CHECK APP | PROPRIATE BOX(ES) TO | INDICATE NATURE | OF NOTICE, I | REPORT, OR O | THER DATA | | |
| TYPE OF SUBMISSION | | TY | PE OF ACTIO | N | | | |
| ☐ Notice of Intent ☐ Subsequent Report ☐ Final Abandonment Notice | Acidize Alter Casing Casing Repair Change Plans Convert to Injection | Deepen Fracture Treat New Construction Plug and Abandon Plug Back | Reclamati Recomple | te ily Abandon | Water Shut-Off Well Integrity Other FINAL DRILLING OPERATIONS | | |
| 13. Describe Proposed or Completed Ope If the proposal is to deepen directions | rations (clearly state all pertinen ally or recomplete horizontally, | at details, including estimate give subsurface locations and | d starting date of I measured and tr | any proposed work ue vertical depths | and approximate duration thereof. of all pertinent markers and zones. | | |

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof.

If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones.

Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

FINISHED DRILLING FROM 2550' TO 8360' ON 05/02/2008. RAN 4 1/2" 11.6# I-80 PRODUCTION CSG. LEAD CMT W/60 SX PREM LITE II @12.0 PPG 3.02 YIELD TAILED CMT W/500 SX 50/50 POZ @ 14.3 PPG 1.31 YIELD. DISPLACE W/130 BBLS FRESH WATER BUMP PLUG 2900# 500 OVER. FLOATS HELD GOOD RETURNS W/14 BBLS LEAD CMT TO PIT. FLUSH STACK LAND CSG W/55K TEST SEALS TO 10,000 CSG W/55K TEST SEALS LAND CSG HANGER ND/BOPE CLEAN PITS.

RELEASED PIONEER RIG 41 ON 05/03/2008 AT MIDNIGHT.

| 14. I hereby certify that the foregoing is true and correct | | | |
|---|---------------------|---|--------------------|
| Name (Printed/Typed) | Title | | |
| SHEILA UPCHEGO | SENIOR LAND ADI | MIN SPECIALIST | |
| Signatures // / / / / / / / / / / / / / / / / / | Date May 5, 2008 | | |
| /THIS SPACE F | OR FEDERAL OR STATE | USE | |
| Approved by | Title | Date | W STER STAN SO CO. |
| Conditions of approval, if any, are attached. Approval of this notice does not ward certify that the applicant holds legal or equitable title to those rights in the subject which would entitle the applicant to conduct operations thereon. | | | |
| Title 18 U.S.C. Section 1001, make it a crime for any person knows | | to any department or agency of the United | states any |

Form 3160-5 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

OMB No. 1004-0135 Expires Jnovember 30, 2000

FORM APPROVED

5. Lease Serial No.

SUNDRY NOTICES AND REPORTS ON WELLS

| | Use Form 3160-3 (APD) | | | 6. If indian, Allottee of Tribe Name |
|--|--|---|--|--|
| SUBMIT IN TRIPL | CATE – Other instru | ctions on revers | e side | 7. If Unit or CA/Agreement, Name and/or No. |
| 1. Type of Well Oil Well Gas Well | Other | | | 8. Well Name and No. |
| 2. Name of Operator | | | | BONANZA 1023-7M |
| KERR-McGEE OIL & GAS (| DNSHORE LP | | | 9. API Well No. |
| 3a. Address | | 3b. Phone No. (include | de area code) | 4304737215 |
| 1368 SOUTH 1200 EAST V | - | (435) 781-7024 | | 10. Field and Pool, or Exploratory Area |
| 4. Location of Well (Footage, Sec., 7 | ^r ., R., M., or Survey Description | n) | | NATURAL BUTTES |
| SW/SW LOT 4, SEC. 7, T10 | 9S, R23E 1082'FSL, 4 | 39'FWL | | 11. County or Parish, State UINTAH COUNTY, UTAH |
| 12. CHECK APP | ROPRIATE BOX(ES) TO I | NDICATE NATURE | OF NOTICE, R | EPORT, OR OTHER DATA |
| TYPE OF SUBMISSION | | | PE OF ACTION | |
| ☐ Notice of Intent ■ Subsequent Report | Acidize Alter Casing Casing Repair | Deepen Fracture Treat New Construction | | (Start/Resume) Water Shut-Off n Well Integrity |
| | Change Plans | Plug and Abandon | Temporaril | |
| Final Abandonment Notice | Convert to Injection | Plug Back | Water Disp | osal |
| Attach the Bond under which the wor following completion of the involved | k will be performed or provide operations. If the operation results and onment Notices shall be file | the Bond No. on file with Its in a multiple completion | BLM/BIA. Requir n or recompletion i | e vertical depths of all pertinent markers and zones, red subsequent reports shall be filed within 30 days in a new interval, a Form 3160-4 shall be filed once mation, have been completed, and the operator has |
| THE SUBJECT WELL LOCA | ATION WAS PLACED | ON PRODUCTIO | N ON 07/05/2 | 2008 AT 10:00 AM. |
| PLEASE REFER TO THE A | TTACHED CHRONOL | OGICAL WELL H | ISTORY. | RECEIVED |
| | | | | JUL 1 1 2008 |
| | _ | | | DIV. OF OIL, GAS & MINING |
| 14. I hereby certify that the foregoing Name (Printed/Typed) SHEILA UPCHEGO | is true and correct | Title SENIOR LANE | O ADMIN SPE | ECIALIST |
| Signature MA | MELLAN | Date July 8, 2008 | | The Committee of the Co |
| | THIS SPACE | FOR FEDERAL OR | STATE USE | |
| Approved by | | Title | | Date |
| Conditions of approval, if any, are attached certify that the applicant holds legal or equi which would entitle the applicant to conduct | table title to those rights in the sub | | | |
| Title 18 U.S.C. Section 1001, make false, fictitious or fraudulent stateme | | | | partment or agency of the United States any |

Start Date: 2/23/2008 WINS No.: 95571 **BONANZA 1023-7M** End Date: 5/3/2008 AFE No.: 2013625 **Operation Summary Report** SPUD DATE FIELD NAME KB ROUTE Operator KERR MCGEE OIL & GAS ONSHORE LP BONANZA 2/23/08 5,440 5458 API STATE COLINTY DIVISION UINTAH ROCKIES 4304737215 UTAH Lat./Long.: Lat./Long.; 39.95916 / -109.37731 Q-Q/Sect/Town/Range: SWSW / 7 / 10S / 23E Footages: 1.082.00' FSL 439.00' FWL MTD TVD LOG MD PBMD PBTVD 8360 8354 **EVENT INFORMATION:** EVENT ACTIVITY: DRILLING REASON: OBJECTIVE: DEVELOPMENT DATE WELL STARTED/RESUMED: OBJECTIVE2: ORIGINAL Event End Status: COMPLETE Rig Operation Start Finish Drilling Rig Release Rig Off Location Begin Mobilization Rig On Location Rig Charges **RIG OPERATIONS:** PIONEER 41 / 41 04/22/2008 04/23/2008 04/26/2008 05/02/2008 05/03/2008 05/03/2008 Code Subco P/U Operation Time Duration Phase Date Start-End (hr) de SUPERVISOR: LEW WELDON MD. 2/23/2008 MOVE IN AND RIG UP BUCKET RIG SPUD WELL @ 0300 HR 6.00 DRI CON 3.00 - 9:00 02 2/23/08 DRILL AND SET 40' OF SCHEDULE 10 PIPE DRILL RODENT HOLES FOR RIG 41 BLM AND STATE NOTFIED OF SPUD 3/10/2008 SUPERVISOR: LEW WELDON MD: 540 Р 19:00 - 0:00 5.00 DRLSUR 02 MOVE IN AND RIG UP AIR RIG SPUD WELL @ 1900 HR 3/10/08 DA AT REPORT TIME 540' SUPERVISOR: LEW WELDON MD: 1,140 3/11/2008 Р RIG DRILLING AHEAD NO WATER 1020' - 12:00 12.00 DRLSUR 0.00 02 RIG BROKE DOWN FUEL PROBLEM SWAP OUT RIG 10 FOR - 22:00 DRLSUR Z 12:00 10.00 07 RIG8 Р 22:00 - 0:00 2.00 RIG DRILLING AHEAD NO WATER 1140' DRI SUR 02 MD: 1,680 3/12/2008 SUPERVISOR: LEW WELDON Р 0:00 - 12:00 12.00 DRLSUR 02 RIG DRILLING AHEAD HIT WATER @ 1400' 02 Р RIG DRILLING AHEAD HIT TRONA WATER @ 1530' 12:00 - 0:00 12.00 DRLSUR CIRCULATING WITH SKID PUMP 1680' @ 0000 HR 2,130 3/13/2008 SUPERVISOR: LEW WELDON MD: 02 Ρ RIG DRILLING AHEAD CIRCULATING WITH SKID PUMP 1840' 0:00 - 12:00 12.00 DRLSUR Р RIG T/D @ 2130' CONDITION HOLE 2 HR 12:00 - 21:30 9.50 DRI SUR 02 START OUT OF HOLE AND BLEW HYDROLIC HOSE - 23:00 DRLSUR 05 Р 21:30 1.50 WAIT FOR NEW HOSE FROM VERNAL 23:00 - 0:00 1 00 DRLSUR 07 Z 2,130 MD: 3/14/2008 SUPERVISOR: LEW WELDON Ţ 0:00 - 18:00 18.00 DRLSUR 07 Z REPAIR RIG - 23:00 5.00 DRLSUR 05 P TRIP DP OUT OF HOLE 18:00 - 0:00 Ρ **RUN 9 5/8 CSG AT REPORT TIME** DRLSUR 11 23:00 1.00 2.130 3/15/2008 SUPERVISOR: LEW WELDON RUN 40 JNTS 9 5/8 CSG TAG UP RIG UP TO CIRCULATE CSG Р - 6:00 6.00 DRLSUR 11 0:00 DOWN 9 JNTS CIRCULATE 9 JNTS CSG DOWN WAS UNABLE TO LAND LAST Р 6:00 - 10:30 4.50 DRLSUR 11 JNT 4' STICK UP RIG DOWN AIR RIG Р CEMENT 1ST STAGE WITH 300 SKS TAIL @ 15.8# 1.15 5.0 GAL 10:30 - 11:30 1.00 DRLSUR SK OVER DISPLACE PLUG BY 2 BBL DID NOT LAND PLUG NO RETURNS TO SURFACE NO LIFT PSI AFTER REMOVING CMT HEAD FLUID LEVEL IN CSG + - 200' DOWN 1ST TOP JOB 150 SKS DOWN BS WOC 11:30 - 12:00 0.50 DRLSUR 15

12:00

12:30

- 12:30

- 13:00

0.50

0.50

DRLSUR

DRLSUR

15

15

Р

TRY TO FILL INSIDE OF CSG PUMP 50 BBL WATER DOWN

CSG FLUID LEVEL STAYED THE SAME INSIDE CSG

2ND TOP JOB 100 SKS DOWN BS WOC

| Wins No.: 9 EVENT INFOR | | EVE | NT ACTIVIT | | | ZA 1023-71 | REASON | <u>l:</u> | API No. | : 430473721 |
|-------------------------|--------|--------------------|---------------|------------------|----------|------------|---|--|---|--|
| | | | ECTIVE: D | EVELOPM | ENT | | DATE W | ELL STARTED/F | RESUMED: | |
| | | OBJ | ECTIVE2: (| ORIGINAL | | | Event En | d Status: COMP | LETE | |
| RIG OPERATI | ONS: | Begir | n Mobilizatio | n Rig On | Location | Rig Charge | Rig Operation Start | Finish Drilling | Rig Release | Rig Off Location |
| PIONEER 41 / 4 | 41 | 0- | 4/22/2008 | 04/23 | /2008 | | 04/26/2008 | 05/02/2008 | 05/03/2008 | 05/03/2008 |
| Date | *** | ne -End | Duration (hr) | Phase | Code | Subco P/U | | Opera | | |
| | 13:00 | | 4.50 | DRLSUR | 15 | Р | 3RD TOP JOB 125 LEVEL IN CSG REM REALEASE CMT C | MAINED THE SA | | |
| 3/16/2008 | SUPER | /ISOR: L | EW WELD | ON | | | | | | MD: 2,130 |
| | 12:00 | - 13:00 | 1.00 | DRLSUR | 08 | Р | MOVE IN AND RIG CSG PULL 30000 C RIH WITH 8 3/4 BIT | VER CSG WO | | |
| | 13:00 | - 17:00 | 4.00 | DRLSUR | 05 | Р | RIH WITH 8 3/4 BIT - 345' OF CMT INSI CAME IN RETURN | FLUID @ 260' DE CSG DRILL | 2' RUBBER P | |
| 3/17/2008 | SUPER' | VISOR: L | EW WELD | ON | | | | | | MD: 2,130 |
| | | - 14:00 | 7.00 | DRLSUR | 03 | P | TIH TO 1730' DRILL @ 2030' DRILL FLO GUIDE SHOE NO C | OAT COLLAR W CMT IN CSG | ASH AND REA | |
| | 14:00 | - 16:00 | 2.00 | DRLSUR | 05 | P | TRIP DP OUT OF I | TOLE AND REA | LEASE RIG | |
| 3/26/2008 | | | EW WELD | | | | | | | MD: 2,130 |
| | 9:00 | - 12:00 | 3.00 | DRLSUR | 10 | Р | RUN TRACER LOG AND WENT INTO F TRACER WENT OU SIDE. | FORMATION @ | 1530'-1550' 30 | % OF THE |
| | 12:00 | - 12:00 | 0.00 | DRLSUR | | | RELEASE LOGGIN | IG AND CMT CI | REW. | |
| 3/28/2008 | SUPER' | VISOR: L | EW WELD | ON | | | | | | MD: 2,130 |
| | 9:00 | - 15:00 | 6.00 | DRLSUR | 10 | Р | RUN CAMERA WA WATER IN HOLE V POTABLE WATER | VILL SPOT NEV | | |
| 3/29/2008 | SUPER | VISOR: I | .EW WELD | ON | | | | | | MD: 2,130 |
| 5,25,244 | | - 12:00 | 4.00 | DRLSUR | 10 | Р | RUN CAMERA IN F COLLAR | HOLE SPOT HO | DLE IN CSG @ | 1722' AT CSG |
| 4/13/2008 | SUPER | VISOR: [| EW WELD | ON | | | | | | MD: 2,568 |
| ı | | - 12:00 | | DRLSUR | | P | MOVE IN AND RIG TO 2568' WITH 8 3 | /4 BIT T/D CON | | |
| | | - 15:00 | 2.50 | DRLSUR | 05 | P P | TRIP DP OUT OF I | | 790' DERE HOI | FS |
| | | - 15:30 - 18:00 | 0.50 2.50 | DRLSUR DRLSUR | | r P | RUN 2538' OF 7" C | | | |
| | | - 19:00 | 1.00 | DRLSUR | | P | CEMENT 1ST STA GAL/SK AND 225 S RETURNS THRUC | GE WITH 125 S SKS TAIL @ 15. OUT JOB + - 5 B | 6KS LEAD @ 1 8# 1.15 5.0 GA BL LEAD CMT | 1# 3.82 23 L/SK GOOD TO PIT |
| | 19:00 | - 19:30 | 0,50 | DRLSUR | 15 | Р | 1ST TOP JOB 160 WOC | SKS DOWN 1" | PIPE NO CMT | TO SURFACE |
| | 19:30 | - 21:30 | 2.00 | DRLSUR | 15 | Р | 2ND TOP JOB 108 AND 58 SKS DOW SURFACE AND ST | N 7" AND 9 5/8 FAYED AT SUR | CSG GOOD C FACE | |
| | 21:30 | - 21:30 | 0.00 | DRLSUR | ., | | NO VISIBLE LEAK | S PIT 1/4 FULL | WORT | |
| 4/22/2008 | SUPER | VISOR: I | RON SJOS | TROM | | | | | ÷. | MD: 2,568 |
| | 17:00 | - 0:00 | 7.00 | DRLPRO | 01 | E P | RIGGING DOWN F FRONT YARD, WA TO NEW LOCATIO RIG DOWN BACK RIGGED DOWN, 5 HAUL TRUCK | ATER TANKS, N ON, MOVED SA YARD=MAN HO | MOVE LIQUID I CK MUD TO N DURS TODAY | MUD & TANKS EW LOCATION, 35==80% |
| 4/23/2008 | SUPER | VISOR: I | RON SJOS | TROM | | | | | | <u>MD:</u> 2,568 |
| | 0:00 | - 7:00 | 7.00 | DRLPRO | 01 | E P | RIG DOWN FOR N | /IOVE | | |
| | | | | | | | | | | |

| Wins No.: 9 EVENT INFOR | | ΕVE | NT ACTIVIT | BO TY: DRILLIN | ONAN | IZA 102 | 3-7M | API No.: 4304737215 REASON: |
|-------------------------|-------------------|---------|---------------|-------------------|---------|---------|--------|--|
| EVENT INFO | RIVIATION: | | | EVELOPME | | | | DATE WELL STARTED/RESUMED: . |
| | | | JECTIVE: D | | .141 | | | Event End Status: COMPLETE |
| | | | | n Rig On L | ocation | Rig Ch | ames | |
| RIG OPERATI | | | 4/22/2008 | 04/23/ | | | | 04/26/2008 05/02/2008 05/03/2008 05/03/2008 |
| | Tim | | Duration | Phase | | Subco | P/U | 04/20/2008 |
| Date | Start-I | | (hr) | Filase | Code | de | F/O | |
| | 7:00 - 19:00 - | 0:00 | 12.00 5.00 | DRLPRO | 01 | В | Р | SM WITH TRUCKING & CRANE COMPANIES, 8 BED TRUCKS, 6 HAUL TRUCKS 2 FORKLIFTS, ARR@ 0630, LEFT 1900, 1 CRANE, MOVE RIG TO 1023-7M, DERRICK DOWN 0730 HRS, HAUL OFF BACK YARD, REMOVE DERRICK, SPLIT SUB, HAUL & SET MATS, PIN DERRICK TO FLOOR, ALL RIG COMPONENTS SET IN, RIG UP ELECTRICAL, AIR, WATER, SPOOL LINE ON DRUM= RIG UP BACK YARD, LIGHTS, AIR, WATER, WORKING ON CHANGING LINERS IN MP==MAN HOURS TODAY 158, 193 |
| | | | | | | | | HOURS FOR MOVE |
| 4/24/2008 | <u>SUPERV</u> | ISOR: F | RON SJOS | TROM | | | | <u>MD:</u> 2,568 |
| | 0:00 - | 12:00 | 12.00 | DRLPRO | 01 | В | Р | RIGGING UP BACK YARD, ELECTRICAL, PLUMB PITS & PUMPS, STRING DRLG LINE ON DRUM, DERRICK UP @ 0830, RIG UP FLOOR |
| | 12:00 - | 20:00 | 8.00 | DRLPRO | 06 | С | Р | CHANGE TO 5" LINERS/SWABS ON #2 PUMP, M/U SMALL KELLY 4-1/4. RIG UP FLOOR FOR SMALL TOOLS |
| | 20:00 - | 0:00 | 4.00 | DRLPRO | 13 | Α | Р | NIPPLE UP BOPS, CHANGE RAMS TO 3-1/2 |
| 4/25/2008 | SUPERV | ISOR: F | RON SJOS | TROM | | - | Г | <u>MD:</u> 2,568 |
| 472372000 | | 3:00 | 3.00 | DRLPRO | 13 | С | P | TEST KELLY, FLOOR VALVES, ATTEMPT TO TEST RAMS, PLUG NOT SEATING IN WELLHEAD DUE TO 7" CASING STRING RAN |
| | 3:00 - | 7:00 | 4.00 | DRLPRO | 12 | E | Z | WAITING ON CORRECT TEST PLUG, RUN FLARE & PANIC LINES |
| | 7:00 - | 10:00 | 3.00 | DRLPRO | 13 | С | Р | TEST BOPS, CHOKE, 250/5000, ANNULAR 250/2500, CASING |
| | 10:00 - | 15:00 | 5.00 | DRLPRO | 05 | Α | Р | 1500, SET WEAR BUSHING R/U PICKUP MACHINE, PICK UP DRILLSTRING-RIH, TAG CEMENT @ 2402 |
| | 15:00 - | 17:00 | 2.00 | DRLPRO | 12 | E | Z | ATTEMPT TO GET SMITH TONG TORQUE DEVICE WORKING- -NO GOOD |
| | 17:00 - | 18:00 | 1.00 | DRLPRO | 05 | K | Р | SET ROTATING HEAD RUBBER |
| | | 18:30 | 0.50 | DRLPRO | 04 | Α | Р | ATTEMPT TO BRK CIRCULATION, STRING PLUGGED |
| | | 21:30 | 3.00 | DRLPRO | 05 | 1 | Р | POOH TO FIND PROBLEM, FOUND MUD MOTOR LOCKED UP, |
| | 21:30 - | 0:00 | 2.50 | DRLPRO | 05 | l | Z | L/D SAME CHANGE OUT MUD MOTORS, TEST MOTOR,, TRIP IN HOLE, INSTALL SMITH TORQUE UNIT & TEST-OK |
| 4/26/2008 | SLIPERV | ISOR: | RON SJOS | TROM | | | | MD: 3,970 |
| 4/20/2000 | | 1:30 | 1.50 | DRLPRO | 02 | F | Р | DRLG CEMENT & FE |
| | | 2:00 | 0.50 | DRLPRO | 09 | A | P | WIRELINE SURVEY @ 2503=2.3 DEG |
| | 2:00 - | 7:00 | 5.00 | DRLPRO | 02 | В | Р | SPUD IN AND DRILL 2568-2933 = 365' = 73 FPH, MW 8.4, DRLG W/LIGHT WT DUE TO ANGLE |
| | | 7:30 | 0.50 | DRLPRO | 09 | A | P - | WIRELINE SURVEY @ 2858 = 2.92 DEG |
| | | 8:00 | 0.50 | DRLPRO | 02 | В | P | DRLG 2933-2963, 30', MW 8.4 / 26 |
| | | 10:00 | | DRLPRO | 05 | Α | S | POOH FOR DROPPING BIT DUE TO ANLE |
| | 10:00 - | | | DRLPRO | 05 | A | S | TRIP IN HOLE WITH DROPPING BIT-HOLE GOOD |
| | 12:30 - | | | DRLPRO | 02 | В | P | DRLG 2963-3218 = 255' = 85 FPH, MW 8.4 / 26 |
| | 15:30 - | | | DRLPRO | 09 | A | P | WIRELINE SURVEY @ 3143 = 1.91 DEG |
| | 16:00 - | | | DRLPRO | 02 | В | P - | DRLG 3218-3250. ,W 8.4 / 26 |
| | 16:30 - | | | DRLPRO | 06 | A | P | RIG SERVICE |
| | 17:00 - | | | DRLPRO | 02 | В | P | DRLG 3250-3505 = 255' = 102 FPH, MW 8.4 / 26 |
| | 19:30 | | | DRLPRO | 09 | A B | P P | WIRELINE SURVEY @ 3425 = 1.88 DEG DRLG 3505-3970 = 465' = 116.3 FPH, MW 8.4 / 26 |
| | 20:00 | | 4.00 | DRLPRO | 02 | | | |
| 4/27/2008 | | | RON SJOS | | | _ | | MD: 5,600 |
| | | - 0:30 | 0.50 | DRLPRO | | В | Р | DRLG 3970-4012, 42' = 84 FPH, MW 9.0 / 32 |
| | | - 1:00 | 0.50 | DRLPRO | | A | Р | WIRELINE SURVEY @ 3931 = 2.05 DEG |
| | | - 6:30 | 5.50 | DRLPRO | | В | Р | DRLG 4012-4519 = 507' = 92.2 FPH, MW 9.0 / 33 |
| | 6:30 | - 7:00 | 0.50 | DRLPRO | 09 | Α | P | WIRELINE SURVEY @ 4444 = 2.23 DEG |

| Wins No.: 9 EVENT INFO | | EVE | NT ACTIVI | TY: DRILLI | NG | | 111 | REASON | : | API No. | | |
|---------------------------------------|---------|----------|------------------|------------|----------|--------|---|--|--|----------------|----------|-------|
| | | | JECTIVE: D | | | | | | | RESUMED: | | |
| OBJECTIVE2: ORIGINAL | | | | | | | DATE WELL STARTED/RESUMED: Event End Status: COMPLETE | | | | | |
| RIG OPERATI | ONS: | | n Mobilizatio | | Location | Rig Ch | narges | | | | | |
| PIONEER 41 / 41 04/22/2008 04/23/2008 | | | | 3/2008 | | | 04/26/2008 | 05/02/2008 | 05/03/2008 | 05 | /03/2008 | |
| Date | Tin | | Duration (hr) | Phase | Code | Subco | P/U | | Operal | ion | | |
| <u>, 26 - 6181 6 - 6</u> | 7:00 - | | 9.00 | DRLPRO | 02 | В | Р | DRLG 4519-5279 = | 760' = 84.4 FPH | I, MW 9.1 / 33 | | |
| | 16:00 - | - 16:30 | 0.50 | DRLPRO | 06 | Α | Р | SERVICE RIG | | | | |
| | 16:30 | - 0:00 | 7.50 | DRLPRO | 02 | В | Р | DRLG 5279-5600 = | 321' = 42.8 FPF | H, MW 9.2 / 33 | | |
| 4/28/2008 | SUPERV | /ISOR: F | RON SJOS | TROM | | N | | | | . F | MD: | 6,514 |
| | 0:00 | - 7:00 | 7.00 | DRLPRO | 02 | В | Р | DRILLING 5600-584 | 18 = 248' = 35.4 | FPH, MW 9.4 | 34 | |
| | 7:00 · | - 7:30 | 0.50 | DRLPRO | 09 | Α | Р | WIRELINE SURVEY | Y @ 5773 = 1.82 | 2 | | |
| | 7:30 | - 15:30 | 8.00 | DRLPRO | 02 | В | Ρ | DRILLING 5848-622 | 28 = 380' = 47.5 | FPH, MW 10.0 | / 35 | |
| | 15:30 | - 16:00 | 0.50 | DRLPRO | 06 | Α | Р | RIG SERVICE | | | | |
| | 16:00 | - 21:00 | 5.00 | DRLPRO | 02 | В | Р | DRILLING 6228-642 | 20= 194' = 38.8 | FPH, MW 10.2 | / 34 | |
| | 21:00 | - 21:30 | 0.50 | DRLPRO | 05 | K | Z | TRIP OUT 1 STD TO | O RECOVER D | P SCREEN | | |
| | 21:30 | - 0:00 | 2.50 | DRLPRO | 02 | В | Р | DRILLING 6420-651 | 14 = 94' = 37.6 F | PH, MW 10.2 | 34 | |
| 4/29/2008 | SUPERV | /ISOR: F | RON SJOS | TROM | | | | | | | MD: | 7,213 |
| | 0:00 | - 16:00 | 16.00 | DRLPRO | 02 | В | Р | DRILLING 6514-705 | 54 = 540' = 33.7 | 5 FPH, MW 10 | 4 / 40 | |
| | 16:00 | - 16:30 | 0.50 | DRLPRO | 06 | Α | Р | RIG SERVICE | | | | |
| | 16:30 | - 0:00 | 7.50 | DRLPRO | 02 | В | Р | DRILLING 7054-721 | 13 = 159' = 21.2 | FPH, MW 10.4 | 40 | |
| 4/30/2008 | SUPER\ | /ISOR: . | IIM MURRA | ۱Y | | | | | | | MD: | 7,585 |
| | | - 1:00 | 1.00 | DRLPRO | 02 | В | Р | DRILLING 7213-724 | 15, 32', MW 10.4 | 4 / 40 | | |
| | 1:00 | - 2:00 | 1.00 | DRLPRO | 06 | С | Р | CHANGE PISTON S | SWAB | | | |
| | 2:00 | - 4:00 | 2.00 | DRLPRO | 02 | В | Р | DRILLING 7245-727 | 71, 26', 13 FPH, | MW 10.4 / 40 | | |
| | 4:00 | - 4:30 | 0.50 | DRLPRO | 09 | Α | Ρ | PUMP SLUG, DROI | P SURVEY | | | |
| | 4:30 | - 9:00 | 4.50 | DRLPRO | 05 | Α | Р | TRIP OUT FOR BIT | • | | | |
| | 9:00 | - 11:30 | 2.50 | DRLPRO | 05 | Α | Р | X/O BIT & M MTR,T | TH TO CSG SH | OE 2500',BRE | AK CIR | .C |
| | 11:30 | - 13:00 | 1.50 | DRLPRO | 06 | D | Р | SLIP & CUT DRLG | LINE | | | |
| | 13:00 | - 13:30 | 0.50 | DRLPRO | 05 | Α | Р | RIG SERVICE, INSP | PECT ALL BRAI | KE LINKAGE | | |
| | 13:30 | - 16:00 | 2.50 | DRLPRO | 05 | Α | Ρ | TIH TO 3800' BREA | K CIRC,CIH | | | |
| | 16:00 | - 16:30 | 0.50 | DRLPRO | 03 | Е | P | WASH & REAM 60' | TO BTM | | | |
| | 16:30 | - 0:00 | 7.50 | DRLPRO | 02 | В | Р | DRILLING 7271-758 | 35=314=41.8 M | W 10.9 / 42 | _ | |
| 5/1/2008 | SUPERV | /ISOR: , | IIM MURRA | ۱Y | | | | | | | MD: | 8,020 |
| | | - 4:00 | 4.00 | DRLPRO | 02 | В | Р | DRILLING 7585-777 | 701=116=29 M | IW 10.9 / 40 | | |
| | | - 5:00 | 1.00 | DRLPRO | 04 | С | P | CCH, F/ BIT TRIP | | | | |
| | 5:00 | - 9:30 | 4.50 | DRLPRO | 05 | Α | P | PUMP SLUG TOH \ | W/ BIT #2 | | | |
| | 9:30 | - 13:30 | 4.00 | DRLPRO | 05 | Α | Р | FUNCT TEST BOP'CIRC,CIH | S,CHANGE BIT | S,TIH TO 3800 |)',BREA | ΑK |
| | 13:30 | - 14:00 | 0.50 | DRLPRO | 03 | Е | Р | W & R 45' TO BTM | 3' FILL | | | |
| | 14:00 | - 17:00 | 3.00 | DRLPRO | 02 | В | Р | DRILLING 7701-778 | 81=80=26.6 11 | .1/ 41 | | |
| | 17:00 | - 17:30 | 0.50 | DRLPRO | 06 | Α | Р | RIG SERVICE | | | | |
| | 17:30 | - 0:00 | 6.50 | DRLPRO | 02 | В | Р | DRILLING 7781- 80 | 20=239=36.7 1 | 1.6 / 40 | | |
| 5/2/2008 | SUPER\ | /ISOR: . | JIM MURRA | λΥ | | | | | | | MD: | 8,360 |
| | | - 9:00 | 9.00 | DRLPRO | 02 | В | Р | DRILLING, TD 8360 | | | | |
| | 9:00 | - 10:30 | 1.50 | DRLPRO | | | Х | 8360=340=37.7 11. CIRC W/ PARTIAL | RETURNS BYF | ASS SHAKER | | |
| | 10:30 | _ 11-20 | 1.00 | DRLPRO | 05 | E | Р | ,CIRC W/ FULL RE 12 STD WIPER TR | | 50 BBLS | | |
| | 11:30 | | 7.00 | DRLPRO | | В | P | CBU, 3550 UNITS O 11.8 TO 12.2, TO C PIPE & CHECK FO | GAS,5' FLARE (CONTROL GAS R FLOW, 20 MI | 8% LCM,STOP | PUMF | ,WORK |
| | 18:30 | - 0:00 | 5.50 | DRLPRO | 05 | Α | Р | GAS,RU TO LDDS, SM W/CASERS & F | | DS | | |
| | | | 0.00 | _,,_,, | 00 | | • | | | - | | |
| 5/3/2008 | | | JIM MURRA | | | | | | * | | MD: | 8,360 |

| Wins No.: 95571 | | | В | ONAN | ZA 102 | 23-7M | API No.: 4304737215 |
|-------------------|---------------|------------------|-------------|---------|-------------|--------|--|
| EVENT INFORMATION | : EVE | NT ACTIVI | TY: DRILLII | NG | | | REASON: |
| | OB. | JECTIVE: D | EVELOPME | ENT | | • | DATE WELL STARTED/RESUMED: |
| | OB. | JECTIVE2: | ORIGINAL | | | | Event End Status: COMPLETE |
| RIG OPERATIONS: | Begi | n Mobilizatio | on Rig On I | ocation | Rig Ci | narges | Rig Operation Start Finish Drilling Rig Release Rig Off Location |
| PIONEER 41 / 41 | 0 | 4/22/2008 | 04/23 | /2008 | | | 04/26/2008 05/02/2008 05/03/2008 05/03/2008 |
| | ime rt-End | Duration (hr) | Phase | Code | Subco de | P/U | Operation |
| 2:30 | - 8:30 | 6.00 | DRLPRO | 08 | F | Р | SM W / HALLIBURTON, RUN TRIPLE COMBO, LOGGERS TD 8361', RD SAME |
| 8:30 | - 15:00 | 6.50 | DRLPRO | 11 | В | Р | SM ,RU T-REX CASERS RUN 199 JTS OF 41/2,I-80,11.6# LTC CSG |
| 15:00 | - 17:00 | 2.00 | DRLPRO | 04 | E | P | RU HALCO CIRC EQUIP, CIRC CSG |
| 17:00 | - 19:00 | 2.00 | DRLPRO | 15 | Α | P | SM ,TEST LINES TO 5000,PUMP 10 BBLS FW,20 BBLS MUD FLUSH,10 BBLS FW,26 BBLS SCAVENGER CMT @ 9.5#,145 SKS(60)BBLS LEAD @ 12.0#,500 SKS 113 BBLS TAIL CMT @ 14.3#,DISPLACE W/ 130 BBLS FW,BUMP PLUG 2900# 500 OVER,FLOATS OK,GOOD RETURNS W/ 14 BBLS LEAD CMT TO PIT |
| 19:00 | - 19:30 | 0.50 | DRLPRO | 11 | В | Р | FLUSH STACK,LAND CSG W/ 55 K,TEST SEALS TO 10,000 CSG W/ 55 K,TEST SEALS,LD CSG HANGER |
| 19:30 | - 0:00 | 4.50 | DRLPRO | 13 | Α | Р | NDBOPE CHANGE PIPE RAMS BACK TO 41/2, CLEAN PITS, RIG RELEASED @ 00:00 5/3/2008 TO BONANZA 1023-5N |

Start Date: 6/20/2008 WINS No.: 95571 **BONANZA 1023-7M** End Date: 7/2/2008 AFE No.: 2013625 **Operation Summary Report** SPUD DATE KB ROUTE Operator FIELD NAME 5458 BONANZA 2/23/08 5,440 KERR MCGEE OIL & GAS ONSHORE LP STATE COUNTY DIVISION **ROCKIES** UINTAH 4304737215 UTAH Lat./Long.: Lat./Long.: 39.95916 / -109.37731 Q-Q/Sect/Town/Range: SWSW / 7 / 10S / 23E Footages: 1,082.00' FSL 439.00' FWL LOG MD PBMD **PBTVD** MTD 8360 REASON: MESA VERDE **EVENT ACTIVITY: COMPLETION EVENT INFORMATION:** DATE WELL STARTED/RESUMED: 1 **OBJECTIVE: DEVELOPMENT OBJECTIVE2:** Event End Status: COMPLETE Rig Operation Start Finish Drilling Rig Release Rig Off Location Begin Mobilization Rig On Location Rig Charges **RIG OPERATIONS:** 06/20/2008 07/02/2008 LEED 698 / 698 Time Duration Phase Code Subco P/U Operation Date Start-End (hr) de MD: SUPERVISOR: GARTH McCONKIE 6/20/2008 Ρ 7:00 - 7:15 0.25 COMP 48 DAY 1 - JSA & SM #1 - 7:15 0.00 COMP 31 1 Ρ MIRU RIG. SPOT EQUIP. NDWH, NUBOP. RIG UP FLOOR & 7:15 TBG EQUIP. PREP & TALLY TBG. PU 3 7/8" MILL & RIH ON 236 JTS NEW 2 3/8" J55 TBG. EOT @ 7440'. POOH & STD BK TBG IN DRK. LD MILL & BIT SUB. RD FLOOR & TBG EQUIP. NDBOP & NU FRAC VALVES. MIRU DBL JACK TESTERS. PT CSG & FRAC VALVES TO 7500 PSI. (GOOD TEST) RDMO DBL JACK TESTERS. MIRU CUTTERS WIRELINE. RIH W/3 3/8" EXP GNS, 23 GRM, 0.36 HOLES, 90 DEG PHSG. PERF M.V. FROM 8260' - 62', 4 SPG, 8234' - 36', 4 SPF, 8178' - 82', 4 SPF, 8140' - 43', 4 SPF, 44 HOLES. WHP = 0 PSI. POOH & LD WIRELINE TOOLS. 15:30 SWI - SDFD. PREP WELL TO PERF & FRAC 6 STAGES IN M.V. ON 6/23/08. <u>MD:</u> 6/23/2008 SUPERVISOR: GARTH McCONKIE DAY 2 - JSA & SM #2 P 10:00 - 10:15 0.25 COMP 48 MIRU CUTTERS WIRELINE & BJ PUMPING SERVICES. SPOT & COMP 36 Ε 10:15 - 13:00 2.75 RIG UP EQUIP. TEST FRAC TANKS FOR H2S. (1 TANK SHOWS 5 PPM H2S) PRIME UP CMG FROM FRAC TANKS. GETTING READING OF 118 PPM H2S. MOVE SUCTION TO OTHER TANKS & PRIME CMG. STILL GETTING 105 PPM H2S. SDMO ALL PERSONNEL FROM LOCATION. ORDER H2S SCAVENGER FROM NALCO TO TREAT TANKS. ORDER TARGET TRUCK TO ROLL TANKS W/CHEMICAL. 13:00 SWI - SDFD WHILE TREATING TANKS MD: 6/24/2008 SUPERVISOR: GARTH McCONKIE DAY 3 - JSA & SM #3 COMP 48 7:00 - 7:15 0.25

| EVENT INFOR | RMATION: | EVEN | IT ACTIVI | TY: COMF | | ZA 102 | | API No.: 43047372 REASON: MESA VERDE | | | | |
|--------------------|-----------------|--------------|------------------|--------------|----------|-------------|------------------------------|---|--|--|--|--|
| | | OBJE | CTIVE: D | EVELOPM | IENT | | DATE WELL STARTED/RESUMED: 1 | | | | | |
| | | OBJE | CTIVE2: | | | | | Event End Status: COMPLETE | | | | |
| RIG OPERATION | ONS: | Begin | Mobilizati | on Rig On | Location | Rig Ch | arges | Rig Operation Start Finish Drilling Rig Release Rig Off Location | | | | |
| LEED 698 / 698 | | | | 06/2 | 0/2008 | | | 07/02/2008 | | | | |
| Date | Time Start-E | | Duration (hr) | Phase | Code | Subco de | P/U | Operation | | | | |
| | 7:15 - | 13:30 | 6.25 | COMP | 46 | Α | Х | MIRU INTER MOUNTAIN H2S SAFETY. SET UP AIR MASK & AIR PACKS @ CMG, BLENDER, & TANKS. TEST TANKS FOR H2S. (0 READINGS @ HATCHES). BRING WTR INTO CMG. H2S READING OF 35 PPM. SD. CONSULT W/BJ MNGNT. | | | | |
| | | | | | | | | CLEAR ALL HOSES FROM TANKS THRU BYPASS OF CMG & BLENDER TO PIT. BRING WTR INTO CMG. H2S READINGS O 62 PPM OVER CMG TANK. 12 PPM @ CMG PANEL. SD WAIT FOR BJ MNGNT TO ARRIVE @ LOC. FOR DECISSION. | | | | |
| | | | | | | | | SDFD - DICISSION MADE TO CHANGE OUT WTR. | | | | |
| 6/25/2008 | SUPERVIS | SOR: GA | ARTH Mc | CONKIE | | | | . <u>MD:</u> | | | | |
| | | 7:30 7:30 | 0.50 0.00 | COMP COMP | 48 36 | | P S | DAY 4 - JSA & SM #4 RDMO BJ PUMPING SERVICES & CUTTERS WIRELINE. | | | | |
| | | | | | | | | MI RNI WATER SERVICE TO CHANGE OUT BAD FRAC WTR IN 35 TANKS. | | | | |
| | | | | | | | | HAVE TUBING IN DERRICK. PUT RIG ON STANDBY UNTIL 6/30/08 TO CONT. FRAC. | | | | |
| 5/26/2008 | SUPERVIS | SOR: GA | ARTH Mo | CONKIE | | | | MD: | | | | |
| 3/27/2008 | SUPERVIS | SOR: GA | ARTH Mc | CONKIE | | | |) <u>MD:</u> | | | | |
| 6/30/2008 | SUPERVIS | SOR: GA | ARTH Mc | CONKIE | | | | MD: | | | | |
| | 7:00 - | 7:15 | 0.25 | COMP | 48 | | Р | DAY 7 - JSA & SM #5 | | | | |

| Wins No.: 95571 | | BONAN | <u>LA 102</u> | <u>3-7 IVI</u> | API No.: 430473721 |
|------------------------|-----------------------|-----------------|---------------|----------------|---|
| EVENT INFORMATION: | EVENT ACTIVITY | | | | REASON: MESA VERDE |
| | OBJECTIVE: DE | VELOPMENT | | | DATE WELL STARTED/RESUMED: |
| | OBJECTIVE2: | | | | Event End Status: COMPLETE |
| RIG OPERATIONS: | Begin Mobilization | Rig On Location | Rig Ch | arges | Rig Operation Start Finish Drilling Rig Release Rig Off Location |
| EED 698 / 698 | | 06/20/2008 | | | 07/02/2008 |
| Date Time | Duration | Phase Code | Subco | P/U | Operation |
| Start-E 7:15 - | nd (hr) | COMP 36 | de | Р | STG #1) WHP = 35 PSI, BRK DWN PERFS 3.4 BPM @ 4857 PSI. ISIP = 2612 PSI. FG 0.76. PMP 100 BBLS WITH 10/1000 SCALE INHIB. PMP 150 BBL, 49.7 BPM @ 5400 PSI. 28/44 PERFS |
| | | | | | OPEN, 70%. MP 7200 PSI, MR 50.0 BPM, AP 6139 PSI, AR 46.8 BPM, ISIP = 2582 PSI, FG 0.75, NPI (-30) PSI. PMPD 1,834 BBLS SLK WTR, 61,387 LBS OTTOWA SND, 5,056 LBS TLC, 66,443 LBS SND TOTAL. |
| | | | | | STG #2) RIH W/3 3/8" EXP GNS, 23 GRM, 0.36 HOLES, 90 DEG PHSG. SET BAKER 8K CBP @ 7944'. PERF M.V. FROM 7912' - 14', 4 SPG, 7852' - 54', 4 SPF, 7834' - 36', 4 SPF, 7820' - 22', 4 SPF, 7784' - 86', 4 SPF, 40 HOLES. |
| | | | | | STG #2) WHP = 178 PSI, BRK DWN PERFS 4.6 BPM @ 4207 PSI. ISIP = 1932 PSI. FG 0.68. PMP 150 BBL, 50.2 BPM @ 4600 PSI. 34/40 PERFS OPEN, 75%. MP 7300 PSI, MR 55.6 BPM, AP 5905 PSI, AR 52.8 BPM, ISIP = 2877 PSI, FG 0.80, NPI 945 PSI. PMPD 2,622 BBLS SLK WTR, 89,417 LBS OTTOWA SND, 5,793 LBS TLC, 95,210 LBS SND TOTAL |
| | | | | | STG #3) RIH W/3 3/8" EXP GNS, 23 GRM, 0.36 HOLES, 90 DEG PHSG. SET BAKER 8K CBP @ 7728'. PERF M.V. FROM 7694' - 98', 4 SPG, 7622' - 24', 4 SPF, 7586' - 88', 4 SPF, 7502' - 06', 4 SPF, 48 HOLES. |
| | | | | | STG #3) WHP = 2500 PSI, BRK DWN PERFS 4.3 BPM @ 4180 PSI. ISIP = 2350 PSI. FG 0.75. PMP 150 BBL, 53 BPM @ 5100 PSI. 33/48 PERFS OPEN, 69%. 72,150 LBS SND IN PERFS, PRESSURE OUT 7500 PSI. SD - LACKED 46 BBLS OF BEING FLUSHED. FLOW WELL BACK TO CLEAN UP SND IN CSG. PMP 2 BBLS ACID & FLUSH WELL WITH 111 BBLS. MP 760 PSI, MR 53.7 BPM, AP 5525 PSI, AR 51.9 BPM, ISIP = 3012 PSI, FG 0.82, NPI 662 PSI. PMPD 2004 BBLS SLK WTR, 69,700 LBS OTTOWA SND, 6,252 LBS TLC, 75,952 LBS SND TOTAL. (72,088 LBS IN FORM.) |
| | | | | | STG #4) RIH W/3 3/8" EXP GNS, 23 GRM, 0.36 HOLES, 90 DEG PHSG. SET BAKER 8K CBP @ 7350'. PERF M.V. FROM 7316' - 20', 4 SPG, 7304' - 06', 4 SPF, 7248' - 50', 4 SPF, 7230' - 32', 4 SPF, 40 HOLES. |
| | | | | | STG #4) WHP = 248 PSI, BRK DWN PERFS 3.4 BPM @ 6085 PSI. ISIP = 1959 PSI. FG 0.71. PMP 150 BBL, 39.3 BPM @ 3500 PSI. 40/40 PERFS OPEN. 100%. MP 3529 PSI, MR 39.7 BPM, AP 3269 PSI, AR 30.5 BPM, ISIP = 2191 PSI, FG 0.74, NPI 232 PSI. PMPD 3,592 BBLS SLK WTR, 138,564 LBS OTTOWA SND, 3,324 LBS TLC, 141,888 LBS SND TOTAL. |
| | | | | | STG #5) RIH W/3 3/8" EXP GNS, 23 GRM, 0.36 HOLES, 90 DEG PHSG. SET BAKER 8K CBP @ 7034'. PERF M.V. FROM 7002' - 04', 4 SPG, 6983' - 84', 4 SPF, 6960' - 62', 4 SPF, 6919' - 20', 4 SPF, 6850' - 52', 4 SPF, 6754' - 55', 4 SPF, 36 HOLES. POOH W/WIRELINE TOOLS |
| | | | | | 18:00 SWI - SDFN. PREP WELL TO CONT. FRAC IN AM |
| 4.0000 | 2D. 0.1= | | | | 07/01/2008 |
| 1/2008 <u>SUPERVIS</u> | <u>OR:</u> GARTH McCC | NKIE | | | <u>MD:</u> |

| /ins No.: 95571 | | BONAN | ZA 1023-7M | API No.: 430473721 |
|-----------------------|---------------------------|-----------------|-----------------|---|
| VENT INFORMATION: | EVENT ACTIVITY | : COMPLETION | | REASON: MESA VERDE |
| | OBJECTIVE: DE | VELOPMENT | | DATE WELL STARTED/RESUMED: |
| | OBJECTIVE2: | | | Event End Status: COMPLETE |
| IG OPERATIONS: | Begin Mobilization | Rig On Location | Rig Charges | Rig Operation Start Finish Drilling Rig Release Rig Off Location |
| EED 698 / 698 | | 06/20/2008 | | 07/02/2008 |
| Date Tim Start- | 4 P. T. T. T. T. T. T. T. | Phase Code | Subco P/U de | Operation |
| 7:00 - | 17:30 10.50 | COMP 36 | Р | WHP = 1250 PSI STG #5) WHP = 1250 PSI, BRK DWN PERFS 3 BPM @ 2735 PSI. ISIP = 1795 PSI. FG 0.70. PMP 150 BBL, 51.6 BPM @ 4000 PSI. 36/36 PERFS OPEN. 100%. MP 4318 PSI, MR 52 BPM, AP 3883 PSI, AR 51.2 BPM, ISIP = 2443 PSI, FG 0.79, NPI 648 PSI. PMPD 2,439 BBLS SLK WTR, 87,740 LBS OTTOWA SND, 4,721 LBS TLC, 92,461 LBS SND TOTAL. |
| | | | | STG #6) RIH W/3 3/8" EXP GNS, 23 GRM, 0.36 HOLES, 90 DEG PHSG. SET BAKER 8K CBP @ 6678'. PERF M.V. FROM 6646' - 48', 4 SPG, 6562' - 64', 4 SPF, 6528' - 30', 4 SPF, 6476' - 78', 4 SPF, 6462' - 64', 4 SPF, 40 HOLES. |
| | | | | STG #6) WHP = 156 PSI, BRK DWN PERFS 3.2 BPM @ 3095 PSI. ISIP = 1487 PSI. FG 0.66. PMP 150 BBL, 40.3 BPM @ 3270 PSI. 24/40 PERFS OPEN. 60%. AT 4301 BBLS SLK WTR, 137,108 LBS SND IN PERFS, 5100 PS & INCREASING, RUN A 150 BBL SWEEP. AT 4948 BBLS SLK WTR, 164,332 LBS SND IN PERFS, 4800 PS & INCREASING, RUN A 100 BBL SWEEP. PRESSURED OUT @ 7500 PSI. (5017 BBLS SLK WTR & 169,529 LBS SND IN PERFS) LACKED 31 BBLS OF BEING FLUSHED. FLOW WELL BACK TO C/O SND. FLUSH WELL WITH 100 BBLS WTR. MP 7500 PSI, MR 40.3 BPM, AP 5423 PSI, AR 36.7 BPM, ISIP 2371 PSI, FG 0.80, NPI 884 PSI. PMPD 4845 BBLS SLK WTR, 172,102 LBS OTTOWA SND, PMPD NO TLC, 172,102 LBS SND TOTAL. |
| | | | | KILL PLUG) RIH SET BAKER 8K CBP @ 6412'. POOH W /WIRELINE & L/D TOOLS. RDMO CUTTERS & BJ SERVICES. |
| | | | | R/D FLOOR, ND FRAC VALVES, NUBOP. R/U FLOOR & TBG EQUIP. PU 3 7/8" BIT, POBS & XN NIPPLE. RIH ON 203 JTS NEW 2 3/8" J55 TBG. TO 6400'. |
| | | | | RU PWR SWVL & PMP. SWI - SDFN. PREP WELL TO DRILL 6 CBP's IN AM. |
| /2/2008 <u>SUPERV</u> | ISOR: GARTH McC | ONKIE | | , MD: |
| 7:00 - | | COMP 48 | P | DAY 9 - JSA & SM #9. |

| Wins No.: 95571 | | | ZA 1023-7M | | | API No.: | 4304737215 |
|-----------------------------------|--------------------|--------------------|------------------------|---|-----------------------|----------------|------------------|
| EVENT INFORMATION: | EVENT ACTIVITY | : COMPLETION | | | MESA VERDE | | |
| ¥ | OBJECTIVE: DE | /ELOPMENT | | DATE WE | LL STARTED/R | ESUMED: : | |
| | OBJECTIVE2: | | | Event End | Status: COMPI | _ETE | |
| RIG OPERATIONS: | Begin Mobilization | Rig On Location | Rig Charges | Rig Operation Start | Finish Drilling | Rig Release | Rig Off Location |
| EED 698 / 698 | | 06/20/2008 | *** | | | | 07/02/2008 |
| Date Time Start-Ei 7:15 - 1 | nd (hr) | Phase Code COMP 44 | Subco P/U de C P | ONSICP = 0 PSI. EC | Operati OT @ 6400' | on | |
| 7.13 - 1 | 7.55 10.25 | OOMI 11 | 0 1 | RIH & TAG CBP @ 6 PT BOP TO 3000 PS | 3412'. RU PWR | SWVL & PMF | P. EST. CIRC. |
| | | · | | CBP #1) DRLG OUT DIFF. RIH & TAG SI | | | |
| | | | | CBP #2) DRLG OUT DIFF. RIH & TAG SI | | | |
| | | | | CBP #3) DRLG OUT DIFF. RIH & TAG SI | | | |
| | | | | CBP #4) DRLG OUT DIFF. RIH & TAG SI | | | |
| | | | | CBP #5) DRLG OUT DIFF. RIH & TAG SI PSI. | | | |
| | | | | CBP #6) DRLG OUT DIFF. RIH & TAG S SND. CIRC WELL O | ND @ 8183'. P | BTD @ 8312'. | |
| | | | | R/D PWR SWVL. POTBG ON FLOAT TO 2 3/8" J55 TBG. EC 7762.90'. | TAL) LND TBG | ON HANGER | W/246 JTS NEW |
| | | | | AVG. 10 MIN/PLUG. R/D FLOOR & TBG OFF BIT @ 1800 PS | EQUIP. NDBO | P, DROP BAL | |
| | | | | OPEN WELL TO F.E WELL TO F.B.C. 16:00 LTR = 15,411 | | 50 PSI. FTP = | 150 PSI. TURN |
| | | | | ROAD RIG TO BON 17:30 SDFN. | ANZA 1023-7G | • | |
| 7/6/2008 SUPERVIS | OR: GARTH McC | ONKIE | | | | | MD: |
| 7:00 - | | 33 | A | 7 AM FLBK REPOR MED SAND, 1.6 GA TTL BBLS RECOVE BBLS LEFT TO REC | S ERED: 3356 | P 1625#, 20/64 | " CK, 30 BWPH, |
| 7/7/2008 SUPERVIS | OR: GARTH McC | ONKIE | , ! | | | | MD: |
| 7:00 - | | 33 | Α | 7 AM FLBK REPOR CLEAN SAND, 1.6 C TTL BBLS RECOVE BBLS LEFT TO REC | BAS ERED: 3356 | P 1600#, 20/64 | " CK, 20 BWPH, |
| 7/8/2008 SUPERVIS | SOR: GARTH McC | ONKIF | | | | | MD: |
| 7:00 - | SANTI MUCH | 33 | A | 7 AM FLBK REPOR CLEAN SAND, 1.6 (TTL BBLS RECOVE BBLS LEFT TO REC | GAS ERED: 5076 | P 1500#, 20/64 | |

Form 3160-4 (August 1999)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB NO. 1004-0137 Expires: November 30, 2000

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.

| | | | | | | | | | <u> </u> | <u>38420</u> | | | |
|---|----------------|--------------|---------------------------------------|--------------------|--------------------|---------------------------------------|----------------|------------------------|--------------------|--------------------------|----------------------|-----------|---|
| 1a. Type of Well Oil W b. Type of Completion: | ell 🔀 New | Gas | Dry Work Over | Other Deepen | ☐ Pli | ug Back | ☐ Diff | Resvr. | 6. I | f Indian, A | Allottee or | Tribe N | ame |
| | Other | | | | | -5 | | | 7. T | Init or CA | Agreem | ent Name | and No. |
| 2. Name of Operator | | | | | | | | | 8. J | ease Nan | ne and W | ell No. | |
| KERR-MCGEE OIL & G | AS ON | SHORE | LP | | 3a Pho | one No. (in | clude area | code) | BON | IANZA | 1023 | | |
| | T VED | | - A I I O 40- | 70 | 1 | | | | | API Well I | | | |
| 4. Location of Well (Report locat | | | | | irements, | | 781-702 | <u>.4</u> | | 73721 | | 3 1 | |
| At surface | sw | /SW 108 | 32'FSL, 4 | 39'FWL LC | T 4 | | | | NAT | Field and JRAL E | BUTTE | s | |
| At top prod. interval reported belo | w | | | | | | | | | Sec., T., F Survey or | Area | | T10S, R23E |
| | | | | | | | | | i . | County or | Parish | | 13. State |
| At total depth | 14.5 | | | | l.c. | 0 1/ | | | UINT | | (DE DI | D DT C | UTAH |
| 14. Date Spudded | | Date T.D. Ro | eacned | | | te Complete D & A | | dy to Prod. | l | Elevation | S (DF, KK | .в, кт, с | ıL)™ |
| 02/23/08 | | 02/08 | 1 D l . T I | 2. 10 | 07/05 | 5/08 | 121 1100 | 20. Depth | 5280 | | MD | | |
| 18. Total Depth: MD TVD | 8360' | | lug Back T.I | TVD | 8312 | | | | | _ | TVD | | |
| 21. Type Electric & Other Mecha | nical Logs | Run (Subn | nit copy of ea | ach) | | | 22. Was Was | well cored DST run? | N (20) ? N (20) | | Yes (Sub Yes (Sub | | |
| CBL-COL-GR SD.D | cill o | CTD. | | | | | Dire | ctional Sur | vey? 🛚 | No | ☐ Yes | Submit c | opy) |
| 23. Casing and Liner Record (Re | | | well) | | | · · · · · · · · · · · · · · · · · · · | 1, | | - | | | | |
| Hole Size Size/Grade Wt. (#/ | | op (MD) | Bottom (N | (D) Stage Ce | | | Sks. & | Slurry V (BBL) | 1 | Cement | Тор* | Amo | unt Pulled |
| 20" 14" 36.7 | | <u></u> | 40' | Dep | oun | | Cement SX | (DDL) | <u>'</u> | | | | |
| 12 1/4" 9 5/8" 36# | | | 2130 | , | | | SX | | _ | | | | .,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |
| 8 3/4" 7" 23# | | | 2550 | | | | SX | | _ | | | | |
| 7 7/8" 4 1/2" 11.6 | | | 8360 | | | | SX | | | | - | | |
| 24. Tubing Record | <u> </u> | | 1 0000 | | | , , , , | | | | | | | |
| Size Depth Set (MD) | Packer De | epth (MD) | Size | Depth Se | t (MD) | Packer De | epth (MD) | Siz | æ | Depth | Set (MD |) Pac | ker Set (MD) |
| 2 3/8" 7742' | | | · · · · · · · · · · · · · · · · · · · | | | | | | | | | | |
| | | | | | | | | | | | | | |
| 25. Producing Intervals | | | | 26. Perfe | oration R | lecord | | | | | | | |
| Formation | | Тор | Botton | ı Pe | rforated | Interval | | Size | No | Holes | | Perf. St | atus |
| A) MESAVERDE | | 6462' | 8262 | ' 6 | 462'-8 | 3262' | | 0.36 | . 2 | 48 | | OPE | N |
| B) | | | | | | | | |] | | | | |
| C) | | | | | | | | | | | <u> </u> | | |
| D) | | | | | | | | | | | | | |
| 27. Acid, Fracture, Treatment, C | ment Squ | eeze, Etc. | | | | | | | | - Dr | | 1 | - |
| Depth Interval | | | | | | Amount ar | | | į | nc | CE | VEL | <u> </u> |
| 6462'-8262' | PM | P 17,336 | BBLS S | LICK H2O | <u>& 644</u> | ,056# 3 | 0/50 SI |) | - | Jl | JL 28 | 2008 | <u> </u> |
| | | | | | | | | | İ | | | | |
| 28. Production - Interval A | | | | | | | | | | DIV. OF | OIL, GA | S & MII | VING |
| Date First Test Hours | Test | Oil | Gas | Water | Oil Gra | vity | Gas | | Product | ion Method | <u> </u> | | |
| Produced Date Tested 07/05/08 07/17/08 15 | Production | BBL O | мсғ 1,594 | вв L 180 | Согт, А | PI | Gravity | | | FLOV | NS FR | OM W | ELL |
| Choke Tbg. Press. Csg. | 24 Hr. | Oil | Gas | Water | Oil Gra | vity | Well Statu | s | | | | | |
| Size Flwg. 942# Press. 20/64 SI 1501# | Rate | BBL 0 | мсғ 1594 | ввь 180 | Corr. A | PI | | PΙ | RODU | CING | GAS W | /ELL | |
| 28a. Production - Interval B | | | 1 | | J | | J | | | | | | |
| Date First Test Hours | Test | Oil | Gas | Water | Oil Gra | vity | Gas | | Product | ion Metho | <u> </u> | w | |
| Produced Date Tested | Production | BBL | MCF | BBL | Corr. A | - | Gravity | | | | | | |
| Choke Tbg. Press. Csg. Size Flwg. Press. SI | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Oil Gra Corr. A | - | Well Statu | S | -1 | | | | |

| 28b. Pro | duction - Inte | rval C | | · · · · · · · · · · · · · · · · · · · | | | | | | |
|------------|------------------|--------------|----------------|---------------------------------------|---------------|-----------------|---------------------|---------------------|----------------------------|---|
| Date First | Test | Hours | Test | Oil | Gas | Water | Oil Gravity | Gas Gravity | Production Method | |
| Produced | Date | Tested | Production | BBL | MCF | BBL | Сотг. АРІ | | | |
| Choke | Tbg. Press. | Csg. | 24 Нг. | Oil | Gas | Water | Gas : Oil | Well Status | | |
| Size | Flwg. | Press. | Rate | BBL | MCF | BBL | Ratio | | | |
| | SI | | \rightarrow | 1 | | | | | | |
| 28c. Pro | duction - Inte | rval D | _ | | . <u> </u> | • | | | | |
| Date First | | Hours | Test | Oil | Gas | Water | Oil Gravity | Gas Gravity | Production Method | |
| Produced | Date | Tested | Production | BBL | MCF | BBL | Corr. API | | | |
| | 1 | | \rightarrow | | | | | | | |
| Choke | Tbg. Press. | Csg. | 24 Hr. | Oil | Gas | Water | Gas : Oil | Well Status | | *************************************** |
| Size | Flwg. | Press. | Rate | BBL | MCF | BBL | Ratio | | | |
| | SI | | \rightarrow | | İ | | | | | |
| 29. Dist | osition of Ga | s (Sold, us | ed for fuel, v | ented, etc.) | | · | | | | |
| SOLD | | • | • • | | | | | | | |
| 30. Sum | mary of Poro | us Zones (| Include Aqui | ifers): | | | | 31. Formati | on (Log) Markers | |
| | · | | | | | | | | | |
| Shor | w all importa | nt zones of | porosity and | i contents the | reof: Core | d intervals and | d all drill-stem | | | |
| | | epth interva | al tested, cus | shion used, tu | me tool oper | n, flowing and | shut-in pressures | | | |
| and | recoveries. | | | | | | | | | |
| | | 1 | T | 1 | | | | | | Тор |
| Fo | rmation | Тор | Bottom | | Descrip | ptions, Conten | ts, etc. | 1 | Name | Meas. Depth |
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| | | İ | 1 | 1 | | | | | | |
| CDEE | N DIVED | 1166 | 1718' | | | | | | | |
| | N RIVER | | | | | | | | | |
| | GANY | 1718' | 4102' | | | | | | | |
| WASA | | 4102' | 6249' | | | | | 1 | | + |
| MESA | VERDE | 6249' | | | | | | | | |
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| 32. Add | litional remar | ks (include | e plugging pr | rocedure): | | | | | | |
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| 33 Circ | cle enclosed a | ttachments | 3: | | | | | | | |
| | Electrical/Me | | | et reald) | 2 | . Geologic Re | port 3, I | OST Report | 4. Directional Survey | y 、 |
| | Sundry Notic | | | | | . Core Analys | • | Other: | | |
| J. 1 | Juliury Ivolic | e tor pruss | mg una com | | | | | | | |
| 36 Tho | rehv cartifi, +1 | at the fore | going and of | tached inform | nation is cor | nnlete and cor | rect as determined | l from all availabl | e records (see attached in | structions)* |
| 30. I nei | teby certify if | iai ine ioie | going and at | tached inform | nation is cor | inpiete and eor | 1001 45 40001111111 | | | • |
| | | | | | | | | חבסניי | ATODV ANALVOT | |
| Nam | ne (please pri | nt), SHE | :ILA UPC | HEGO | | | Title | KEGUL/ | ATORY ANALYST | |
| | | 17_ | - // | 7. | /- | A. | | | | |
| Sion | nature | M | M | | 1/1/1/ | <i>[[1]</i> | Date | 07/22/08 | 3 | |
| | | | | | | | | | | |
| Title 18 | U.S.C. Section | n 1001 and | Title 43 U.S | S.C. Section 1 | 212, make 1 | a crime for an | y person knowingl | ly and willfully to | make to any department or | agency of the United |

States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Form 3160-5 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR

FORM APPROVED OMB NO. 1004-0135

| מ | UREAU OF LAND MANAC | TEMENIT | | | Expires: | July 31, 2010 | | | | |
|--|--|--|--|--|---|--|--|--|--|--|
| | NOTICES AND REPOR | | 116 | | 5. Lease Serial No. UTU38420 | | | | | |
| Do not use the | is form for proposals to a II. Use form 3160-3 (APE | drill or to re- | enter an | | 6. If Indian, Allottee o | r Tribe Name | | | | |
| SUBMIT IN TRI | PLICATE - Other instruc | tions on rev | erse side. | | 7. If Unit or CA/Agree | ment, Name and/or No. | | | | |
| 1. Type of Well | | | | | 8. Well Name and No. BONANZA 1023-7 | | | | | |
| Oil Well S Gas Well Oth | | | | | | | | | | |
| Name of Operator KERR-MCGEE OIL & GAS O | Contact: \$ NSHORELMail: sheila.upch | | | 9. API Well No. 43-047-37215 | | | | | | |
| 3a. Address 1368 SOUTH 1200 EAST VERNAL, UT 84078 | | 3b. Phone No. Ph: 435-78 | (include area code) 1-7024 |) | 10. Field and Pool, or NATURAL BUT | | | | | |
| 4. Location of Well (Footage, Sec., T | ., R., M., or Survey Description) | 1 | | | 11. County or Parish, | and State | | | | |
| Sec 7 T10S R23E SWSW 108 | 32FSL 439FWL | | | | UINTAH COUN | TY, UT | | | | |
| 12. CHECK APPI | ROPRIATE BOX(ES) TO | INDICATE | NATURE OF 1 | NOTICE, R | EPORT, OR OTHE | R DATA | | | | |
| TYPE OF SUBMISSION | | - | TYPE O | F ACTION | | | | | | |
| | ☐ Acidize | Deep | en | ☐ Produc | etion (Start/Resume) | ☐ Water Shut-Off | | | | |
| ✓ Notice of Intent | ☐ Alter Casing | _ | ure Treat | — Reclan | | ☐ Well Integrity | | | | |
| ☐ Subsequent Report | ☐ Casing Repair | ☐ New | Construction | ☐ Recom | plete | Other | | | | |
| ☐ Final Abandonment Notice | ☐ Change Plans | | and Abandon | | rarily Abandon | _ | | | | |
| | Convert to Injection | ☐ Plug | | □ Water | • | | | | | |
| Attach the Bond under which the wo following completion of the involved testing has been completed. Final Aldetermined that the site is ready for for the OPERATOR REQUEST. TO COMPLETE THE WASAT THE NEWLY WASATCH AND PLEASE REFER TO THE AT | I operations. If the operation res- bandonment Notices shall be file inal inspection.) S AUTHORIZATION TO R TCH AND MESAVERDE FORMAT | eults in a multiple ed only after all r RECOMPLET ORMATIONS HONS, ALON | e completion or reconsequirements, includes THE SUBJECT THE OPERA WITH THE EX | ompletion in a ling reclamation OT WELL LO TOR REQU | new interval, a Form 316 on, have been completed, a DCATION. THE OPE JESTS AUTHORIZAT | 0-4 shall be filed once and the operator has ERATOR PROPOSES TION TO COMMINGLE | | | | |
| , | | | | | | | | | | |
| | | | | | COPY SENT TO OPERA | | | | | |
| | | | | 1 | Date: 3:18:200 | 9 | | | | |
| | | | | | nitials: KS | | | | | |
| 14. I hereby certify that the foregoing is | s true and correct. Electronic Submission # For KERR-MCGEE | 67734 verified OIL & GAS C | by the BLM Wel NSHORE L, sen | I Informatio It to the Veri | n System nal | | | | | |
| Name (Printed/Typed) SHEILA L | JPCHEGO | | Title OPERA | ATIONS | | | | | | |
| Signature Signature | Abusissi III III | (D) | Date 03/02/2 | 2009 | | | | | | |
| | THIS SPACE FO | R FEDERA | L OR STATE | OFFICE U | JSE | | | | | |
| Approved By | Dut- | | Title Pet- | Eng. | | Date 3/12/0 | | | | |
| Conditions of approval, if any, are attache certify that the applicant holds legal or eq which would entitle the applicant to condi- | uitable title to those rights in the | not warrant or subject lease | Office Oc |)GAM | Federal Approv | val Of This | | | | |

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any action is a Company of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Name: Bonanza 1023-7M

Location: SW SW Sec. 7 10S 23E

Uintah County, UT

Date:

02/17/09

ELEVATIONS:

5277 GL

5295 KB

TOTAL DEPTH:

8361

PBTD: 8312

SURFACE CASING:

9 5/8", 36# J-55 ST&C @ 2094'

7", 23#, J-55 @ 2559'

PRODUCTION CASING:

4 1/2", 11.6#, I-80 LT&C @ 8358'

Marker Joint 3989-4010'

TUBULAR PROPERTIES:

| | BURST | COLLAPSE | DRIFT DIA. | CAPACITIES | |
|------------------|-------|----------|------------|------------|----------|
| | (psi) | (psi) | (in.) | (bbl/ft) | (gal/ft) |
| 2 3/8" 4.7# J-55 | 7,700 | 8,100 | 1.901" | 0.00387 | 0.1624 |
| tbg | | | | | |
| 4 ½" 11.6# I-80 | 7780 | 6350 | 3.875" | 0.0155 | 0.6528 |
| (See above) | | | | | |
| 2 3/8" by 4 ½" | | | | 0.0101 | 0.4227 |
| Annulus | | | | | |

TOPS:

1166' Green River

1351 irdsnest

1718' Mahogany

4102' Wasatch

6249' Mesaverde

Estimated T.O.C. from CBL @1600

GENERAL:

- A minimum of 7 tanks (cleaned lined 500 bbl) of recycled water will be required. Note: Use biocide in tanks and the water needs to be at least 45°F at pump time.
- All perforation depths are from Halliburtons Induction-Density-Neutron log dated 05/03/08
- 3 fracturing stages required for coverage.
- Procedure calls for 4 CBP's (8000 psi).
- Calculate open perforations after each breakdown. If less than 60% of the perforations appear to be open, ball out with 15% HCl.
- Put scale inhibitor 3 gals/1000 gals (in pad and ½ the ramp) and 10 gals/1000 gals in all flushes except the final stage. Remember to pre-load the casing with scale inhibitor for the very first stage with 10 gpt.
- 30/50 mesh Ottawa sand, Slickwater frac.
- Maximum surface pressure 6200 psi.
- Flush volumes are the sum of slick water and acid used during displacement (include scale inhibitor as mentioned above). DO NOT OVERDISPLACE. Stage acid and scale inhibitor if necessary to cover the next perforated interval.

- Service companies need to provide surface/production annulus pop-offs to be set for 1500 psi for each frac.
- Pump resin coated sand last 5,000# of all frac stages
- Tubing Currently Landed @~7742
- Originally completed on 07/02/08

Existing Perforations:

| Zone | From | То | SPF | # of Shots |
|-----------|------|------|-----|------------|
| Mesaverde | 6462 | 6464 | 4 | 8 |
| Mesaverde | 6476 | 6478 | 4 | 8 |
| Mesaverde | 6528 | 6530 | 4 | 8 |
| Mesaverde | 6562 | 6564 | 4 | 8 |
| Mesaverde | 6646 | 6648 | 4 | 8 |
| Mesaverde | 6754 | 6755 | 4 | 4 |
| Mesaverde | 6850 | 6852 | 4 | 8 |
| Mesaverde | 6919 | 6920 | 4 | 4 |
| Mesaverde | 6960 | 6962 | 4 | 8 |
| Mesaverde | 6983 | 6984 | 4 | 4 |
| Mesaverde | 7002 | 7004 | 4 | 8 |
| Mesaverde | 7230 | 7232 | 4 | 8 |
| Mesaverde | 7248 | 7250 | 4 | 8 |
| Mesaverde | 7304 | 7306 | 4 | 8 |
| Mesaverde | 7316 | 7320 | 4 | 16 |
| Mesaverde | 7502 | 7506 | 4 | 16 |
| Mesaverde | 7586 | 7588 | 4 | 8 |
| Mesaverde | 7622 | 7624 | 4 | 8 |
| Mesaverde | 7694 | 7698 | 4 | 16 |
| Mesaverde | 7784 | 7786 | 4 | 8 |
| Mesaverde | 7820 | 7822 | 4 | 8 |
| Mesaverde | 7834 | 7836 | 4 | 8 |
| Mesaverde | 7852 | 7854 | 4 | 8 |
| Mesaverde | 7912 | 7914 | 4 | 8 |
| Mesaverde | 8140 | 8143 | 4 | 12 |
| Mesaverde | 8178 | 8182 | 4 | 16 |
| Mesaverde | 8234 | 8236 | 4 | 8 |
| Mesaverde | 8260 | 8262 | 4 | 8 |

PROCEDURE:

1. MIRU. Control well with recycled water and biocide as required. ND WH, NU BOP's and test.

- 2. TOOH with 2-3/8", 4.7#, J-55 (or N-80) tubing (currently landed at ~7742'). Visually inspect for scale and consider replacing if needed.
- 3. If the looks ok consider running a gauge ring to 6486 (50' below proposed CBP). Otherwise P/U a mill and C/O to 6486 (50' below proposed CBP).
- 4. Set 8000 psi CBP at \sim 6436'. Pressure test BOP and casing to 6000 psi. .
- 5. Perf the following with 3-3/8" gun, 23 gm, 0.36"hole:

```
Zone
                          spf
                               # of shots
             From
                    To
                                 8
MESAVERDE 6282
                   6284
                          4
MESAVERDE 6388
                   6390
                          4
                                 8
MESAVERDE 6400
                   6406
                          4
                                 24
```

- 6. Breakdown perfs and establish injection rate (<u>include scale inhibitor in fluid</u>). Spot 250 gals of 15% HCL and let soak 5-10 min. Fracture as outlined in Stage 1 on attached listing. Under-displace to ~6232' and trickle 250gal 15%HCL w/ scale inhibitor in flush.
- 7. Set 8000 psi CBP at ~6164'. Perf the following 3-3/8" gun, 23 gm, 0.36"hole:

```
Zone From To spf # of shots
WASATCH 6042 6046 4 16
WASATCH 6128 6134 4 24
```

- 8. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 2 on attached listing. Under-displace to ~5992' and trickle 250gal 15%HCL w/ scale inhibitor in flush.
- 9. Set 8000 psi CBP at \sim 5836'. Perf the following with 3-3/8" gun, 23 gm, 0.36" hole:

| Zone | From | To | spf | # of shots |
|---------|------|------|-----|------------|
| WASATCH | 5576 | 5578 | 4 | 8 |
| WASATCH | 5620 | 5622 | 4 | 8 |
| WASATCH | 5800 | 5806 | 4 | 24 |

- 10. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 3 on attached listing. Under-displace to ~5526' flush only with recycled water.
- 11. Set 8000 psi CBP at~5526'.
- 12. TIH with 3 7/8" mill, pump-off sub, SN and tubing.
- 13. Mill plugs and clean out to PBTD. Land tubing at ± 7742 ' and pump off bit unless indicated otherwise by the well's behavior. This well will be commingled at this time.
- 14. RDMO
- 15. Clean out well with foam and/or swabbing unit until steady flow has been established from recomplete.

For design questions, please call

Sarah Schaftenaar, Denver, CO (303)-895-5883 (Cell) (720)-929-6605 (Office)

For field implementation questions, please call Robert Miller, Vernal, UT 4350781 7041 (Office)

NOTES:

| | | Feet | Per | fs | | | Rate | Fluid | Initial | Final | Fluid | Volume | Cum Vol | Volume | Cum Vo! | Fluid | Sand | Sand | Cum. Sand | Footage from | Sca Inhil |
|---------|--------------------|--------|----------|------------|--------|-------|--------|---------------------------|---------|-------|-----------------------------------|-------------|---------|----------|------------|--------------|-----------|-------------------|------------|--------------|--------------|
| ge | Zone | of Pay | Top, ft. | Bot., ft | SPF | Holes | BPM | Туре | ppg | ppg | | gals | gals | BBLs | BBLs | % of frac | % of frac | lbs | lbs | CBP to Flush | gal |
| ¥. | A CARGO | | 976. | | 1940 | Sept. | 31.19 | | . 40 | | 5 g + 1 S ₂ + 1 147 | | | 100 | | | | A Children | 100 | | 3 |
| | MESAVERDE | 2 | 6282 | 6284 | 4 | 8 | | Pump-in test | | | Stickwater | | 0 | 0 | 0 | | | | | | ١ |
| | MESAVERDE | 1 | 6388 | 6390 | 4 | 8 | | ISIP and 5 min ISIP | | | 1 | | | | l | | | | l . | | 40 |
| - 1 | MESAVERDE | 2 | 6400 | 6406 | 4 | 24 | | Slickwater Pad | | | Slickwater | 8,786 | 8,786 | 209 | | 15.0% | 0.0% | 0 | 0 | | 26 |
| - 1 | MESAVERDE | 2 | M | lo perfs | | | | Slickwater Ramp | 0.25 | 1 | Slickwater | 16,596 | 25,383 | 395 | | 28.3% | 17.2% | 10,373 | | | 25 |
| þ | MESAVERDE | 11 | N | lo perfs | | | 50 | | 0 | 0 | Stickwater | 0 | 25,383 | 0 | | | 0.0% | 0 | 10,373 | | (|
| | MESAVERDE | 0 | | | | | | Stickwater Ramp | 1 | 1.5 | Slickwater | 16,596 | 41,979 | 395 | | 28.3% | 34.5% | 20,745 | 31,118 | | 25 |
| h | MESAVERDE | 0 | | | | | 50 | SW Sweep | 0 | 0 | Slickwater | 0 | 41,979 | 0 | | | 0.0% | 0 | 31,118 | | 0 |
| h | Mesaverde | 8 | | | | | 50 | Slickwater Ramp | 0.5 | 1.5 | Slickwater | 0 | 41,979 | 0 | | | 0.0% | 0 | 31,118 |] |) (|
| ۱ | MESAVERDE | 0 | | | | | 50 | Slickwater Ramp | 1.5 | 2 | Slickwater | 16,596 | 58,575 | 395 | | 28.3% | 48.3% | 29,043 | 60,161 | | (|
|) | MESAVERDE | 0 | | | | ١, | 50 | Flush (4-1/2°) | | | | 4,068 | 62,643 | 97 | 1,492 | | | | 60,161 | | 41 |
| þ | MESAVERDE | 0 | | | | | | ISOP and 5 min ISOF | | | ŀ | | 62,643 | | | | | | | | 15 |
| | | | | | | | | | | | | | | | 1 | | gal/ft | 3,560 | 3,646 | lbs sand/ft | |
| | | 17 | | # of Perfe | ⁄stage | 40 | | | | | | | | F | ush depth | 6232 | (| BP depth | 6,164 | 68 | |
| <u></u> | | u de | | | 185. | 100 | 29.8 | << Above pump time | fmin | 1,13 | 3,4030 | V 190 | | 1.10 200 | 1.75 | , i j | 经证明 | Be Shir | Several Se | 9.3. (| 10 |
| 2 | WASATCH | 4 | 6042 | 6046 | \ A | 16 | | Pump-in test | | | Slickwater | | 0 | 0 | 0 | | | | | | |
| - 1 | WASATCH | 6 | 6128 | 6134 | | 24 | n | ISIP and 5 min ISIP | | | | | [] | | 1 | | | | ļ | ļ | ļ |
| - 1 | WASATCH | U | 0120 | 0.00 | Ι, | | 50 | Slickwater Pad | | | Slickwater | 3,375 | 3,375 | 80 | 80 | 15.0% | 0.0% | n | n | | 1 |
| - 1 | WASATCH | n | | | | | | Slickwater Ramp | 0.25 | 1 | Slickwater | 6,375 | 9,750 | 152 | | 28.3% | 17.2% | 3,984 | 3,984 | | Ιi |
| - 1 | WASATCH | 0 | | | | | | SW Sweep | 0.20 | | Slickwater | 0,575 | 9,750 | 0 | | 20.5 N | 0.0% | 0,004 | 3,984 | | ' |
| - 11 | Wasatch | n | | | | | | | 1 | | Slickwater | 6,375 | 16,125 | 152 | | 28.3% | 34.5% | 7,969 | 11,953 | | 1 |
| - 11 | | | | | | | | Slickwater Ramp | - | | | | ' ' | | | 20.3% | | 0 | | | |
| - 1 | WASATCH | 0 | | | | | | SW Sweep | 0 | | Slickwater | 0 | 16,125 | 0 | | | 0.0% | | 11,953 | | |
| - 1 | WASATCH | 0 | | | | | 50 | | 0.5 | 1.5 | Slickwater | 0 | 16,125 | 0 | 1 | | 0.0% | 0 | 11,953 | | l . |
| | WASATCH | 0 | | | | | 50 | Slickwater Ramp | 1.5 | 2 | Slickwater | 6,375 | 22,500 | 152 | | 28.3% | 48.3% | 11,156 | | | ا |
| ı | WASATCH | 0 | | | | | 50 | Flush (4-1/2*) | | | ļ | 3,912 | 26,412 | 93 | 629 | | | | 23,109 | 1 | -3 |
| ١ | WASATCH | 0 | | | | | | ISOP and 5 min ISOF | | | | | 26,412 | | | | | | | | - 6 |
| | | | | | | | | | | | l | | | | ١ | | gal/ft | | | lbs sand/ft | |
| - | | 10 | | # of Peris | /stage | 40 | | | | | | | | | lush depth | 5992 | | BP depth | 5,836 | 156 | |
| 1 | | is her | | | | | 10.7 | << Above pump time | (min) | J. 6. | \$4.44 | (a 45) | 100 | | | | | 100 | 14.45 | | |
| 3 | WASATCH | 3 | 5576 | 5578 | 4 | 8 | Varied | Pump-in test | | | Slickwater | | 0 | 0 | 0 | | | | | | ļ |
| ٧ | WASATCH | 1 | 5620 | 5622 | 4 | 8 | 0 | ISIP and 5 min ISIP | | | | | | | | | | | | | |
| ٧ | WASATCH | 6 | 5800 | 5806 | 4 | 24 | 50 | Slickwater Pad | | | Slickwater | 3,750 | 3,750 | 89 | 89 | 15.0% | 0.0% | 0 | 0 | | 1 |
| V | WASATCH | 0 | | | | | 50 | Slickwater Ramp | 0.25 | 1 | Slickwater | 7,083 | 10,833 | 169 | 258 | 28.3% | 17.2% | 4,427 | 4,427 | | 1 |
| - 1 | WASATCH | 0 | | | | | | SW Sweep | 0 | 0 | Slickwater | 0 | 10,833 | 0 | 258 | | 0.0% | 0 | 4,427 | 1 | |
| - 1 | MASATCH | 0 | | | | | | Slickwater Ramp | 1 | | Slickwater | 7,083 | 17,917 | 169 | | 28.3% | 34.5% | 8,854 | | 1 | |
| - 1 | WASATCH | Ω | | | | | 50 | | 0 | | Stickwater | 0 | 17,917 | 0 | | | 0.0% | n | 13,281 | | l |
| - 1 | WASATCH | 'n | | | | | 50 | Slickwater Ramp | 0.5 | | Slickwater | Ŏ | | Ö | | | 0.0% | ľ | 13,281 | 1 | |
| - 11 | WASATCH | n | | | | | 50 | | 1.5 | | Slickwater | 7,083 | 25.000 | 169 | | 28.3% | 48.3% | 12,396 | | | |
| - 1 | Wasaich Wasatch | U N | | | | | | Flush (4-1/2") | 1.0 | ′ | OHUNWALL | 3,607 | 28,607 | 86 | | 20.370 | +U.J /0 | 12,000 | 25,677 | | |
| - 1 | Wasaich Wasatch | U N | | | | | 30 | ISOP and 5 min ISOF | | | | 3,007 | 28,607 | 00 | " | | | | 20,011 | | |
| ١ | MADAIUM | U | | | | | | אטפון חוחו פי פחגי ייטפון | | | | | 20,007 | | | | ,,,,,,,, | 2,500 | 2 560 | lbs sand/ft | Ι, |
| | | 40 | | L-cr 1 | | | | | | | 1 | | | | huah dana | EEDE | gal/ft | 2,500 BP depth | | | 100 |
| | . 5, 5 . 4 | 10 | | of Perfe | stage | 40 | | | | | | | | ľ | lush depth | 5526 | | or ceptn | 0,020 | 0 | LOC |
| | | | | 13 PK | | 187 | 11.9 | << Above pump time | (min) | 100 | | | | 1. 1. | | 100 | Mario S | F > 1452 | | | 1 1 |
| ľ | Totals | 37 | | | | 120 | | | | | | Total Fluid | 117,662 | - | 2,801 | bbls |] | Fotal Sand | 108,948 | 1 | |
| | | | | | | 1 1 | | 1 | | ı | 1 | 1 | 2,801 | hhle | 1 | | i | 1 | 1 | 1 | f |

Bonanza 1023-7M Perforation and CBP Summary

| | | Perf | orations | | | | | | |
|------------|------------------|-------------|------------|-----|-------|---|-------------|------------|--------|
| Stage | Zones | Top, ft | Bottom, ft | SPF | Holes | | Frac | ture Cover | age |
| | | Ty a differ | | | | | 2. 484 X/13 | | |
| 1 | MESAVERDE | 6282 | 6284 | 4 | 8 | | 6281.5 | to | 6283.5 |
| | MESAVERDE | 6388 | 6390 | 4 | 8 | | 6386 | to | 6386.5 |
| | MESAVERDE | 6400 | 6406 | 4 | 24 | | 6388 | to | 6389.5 |
| | MESAVERDE | • | No perfs | | | | 6391 | to | 6392.5 |
| | MESAVERDE | | No perfs | | | | 6398 | to | 6409 |
| | # of Perfs/stage | | | | 40 | _ | CBP DEPTH | 6,164 | |
| a u Air (v | 11/9/25/20 | | | | | | | 7.3 | |
| 2 | WASATCH | 6042 | 6046 | 4 | 16 | | 6042 | to | 6046 |
| | WASATCH | 6128 | 6134 | 4 | 24 | | 6128 | to | 6134 |
| | # of Perfs/stage | | | | 40 | | CBP DEPTH | 5,836 | |
| | | | | | | | | | |
| 3 | WASATCH | 5576 | 5578 | 4 | 8 | | 5575.5 | to | 5578.5 |
| | WASATCH | 5620 | 5622 | 4 | 8 | | 5670 | to | 5671 |
| | WASATCH | 5800 | 5806 | 4 | 24 | | 5800 | to | 5806 |
| | # of Perfs/stage | | | | 40 | | CBP DEPTH | 5,526 | |
| | | | | | | | | | |
| | Totals | | | | 120 | | | | |

Bonanza 1023-7M Perforation and CBP Summary

| | | Perf | orations | | | | | | | | |
|-------|------------------|--------------|------------|-----|-------|-------------------|-------|--------|--|--|--|
| Stage | Zones | Top, ft | Bottom, ft | SPF | Holes | Fracture Coverage | | | | | |
| | | | | | | | | | | | |
| 1 | MESAVERDE | 6282 | 6284 | 4 | 8 | 6281.5 | to | 6283.5 | | | |
| | MESAVERDE | 6388 | 6390 | 4 | 8 | 6386 | to | 6386.5 | | | |
| | MESAVERDE | 6400 | 6406 | 4 | 24 | 6388 | to | 6389.5 | | | |
| | MESAVERDE | | No perfs | | | 6391 | to | 6392.5 | | | |
| | MESAVERDE | | No perfs | | | 6398 | to | 6409 | | | |
| _ | # of Perfs/stage | | | | 40 | CBP DEPTH | 6,164 | | | | |
| | | | | | | | | | | | |
| 2 | WASATCH | 6042 | 6046 | 4 | 16 | 6042 | to | 6046 | | | |
| | WASATCH | 6128 | 6134 | 4 | 24 | 6128 | to | 6134 | | | |
| | # of Perfs/stage | | | | 40 | CBP DEPTH | 5,836 | | | | |
| | | | | | | | | | | | |
| 3 | WASATCH | 5576 | 5578 | 4 | 8 | 5575.5 | to | 5578.5 | | | |
| | WASATCH | 5620 | 5622 | 4 | 8 | 5670 | to | 5671 | | | |
| | WASATCH | 5800 | 5806 | 4 | 24 | 5800 | to | 5806 | | | |
| | # of Perfs/stage | | | | 40 | CBP DEPTH | 5,526 | | | | |
| | | | | | | | | | | | |
| | Totals | | | | 120 | | | | | | |

| | | | FORM 0 |
|--|--|--|--|
| | STATE OF UTAH | | FORM 9 |
| | DIVISION OF OIL, GAS, AND MI | | 5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-38420 |
| SUNDI | RY NOTICES AND REPORTS | ON WELLS | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: |
| | sals to drill new wells, significantly deeper ugged wells, or to drill horizontal laterals. \ | | 7.UNIT or CA AGREEMENT NAME: |
| 1. TYPE OF WELL Gas Well | | | 8. WELL NAME and NUMBER: BONANZA 1023-7M |
| 2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ONS | HORE, L.P. | | 9. API NUMBER: 43047372150000 |
| 3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th S | PHC Street, Suite 600, Denver, CO, 80217 3779 | ONE NUMBER: 720 929-6515 Ext | 9. FIELD and POOL or WILDCAT: NATURAL BUTTES |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 1082 FSL 0439 FWL | | | COUNTY: UINTAH |
| QTR/QTR, SECTION, TOWNSH | IP, RANGE, MERIDIAN: 7 Township: 10.0S Range: 23.0E Meridian | : S | STATE: UTAH |
| 11. CHE | CK APPROPRIATE BOXES TO INDICA | TE NATURE OF NOTICE, REPORT, | OR OTHER DATA |
| TYPE OF SUBMISSION | | TYPE OF ACTION | |
| | ☐ ACIDIZE | ☐ ALTER CASING | ☐ CASING REPAIR |
| ✓ NOTICE OF INTENT Approximate date work will start: | ☐ CHANGE TO PREVIOUS PLANS | ☐ CHANGE TUBING | ☐ CHANGE WELL NAME |
| 5/3/2011 | ☐ CHANGE WELL STATUS | ☐ COMMINGLE PRODUCING FORMATIONS | ☐ CONVERT WELL TYPE |
| SUBSEQUENT REPORT | DEEPEN | ☐ FRACTURE TREAT | ☐ NEW CONSTRUCTION |
| Date of Work Completion: | OPERATOR CHANGE | ☐ PLUG AND ABANDON | ☐ PLUG BACK |
| | PRODUCTION START OR RESUME | ☐ RECLAMATION OF WELL SITE | ✓ RECOMPLETE DIFFERENT FORMATION |
| SPUD REPORT Date of Spud: | REPERFORATE CURRENT FORMATION | ☐ SIDETRACK TO REPAIR WELL | TEMPORARY ABANDON |
| | ☐ TUBING REPAIR | ☐ VENT OR FLARE | ☐ WATER DISPOSAL |
| DRILLING REPORT | ☐ WATER SHUTOFF | ☐ SI TA STATUS EXTENSION | APD EXTENSION |
| Report Date: | ☐ WILDCAT WELL DETERMINATION | ✓ OTHER | OTHER: Subsurface Commingle |
| 12 DESCRIPE PROPOSED OF CO | DMPLETED OPERATIONS. Clearly show all pe | ertinent details including dates, denths | , |
| The operator reques The operator previo | ts authorization to re-complete susly requested to re-complete he re-complete never comme | te the subject well location e the Wasatch formation in | |
| | plete the Wasatch formation. | | Utah Division of |
| | ommingle the newly Wasatch | | Oil, Gas and Mining |
| formations. Ple | ease refer to the attached re- | completion procedures. | ate: 05/09/2011 |
| | | | Tall I A |
| | | В | y: |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| NAME (PLEASE PRINT) Gina Becker | PHONE NUMBER 720 929-6086 | TITLE Regulatory Analyst II | |
| SIGNATURE N/A | | DATE 5/3/2011 | |



The Utah Division of Oil, Gas, and Mining

- State of UtahDepartment of Natural Resources

Electronic Permitting System - Sundry Notices

Sundry Conditions of Approval Well Number 43047372150000 Authorization: Board Cause No. 179-14.

Greater Natural Buttes Unit



BONANZA 1023-7M RE-COMPLETIONS PROCEDURE

DATE:2/14/2011

AFE#:

USER ID:JVN975 (Frac Invoices Only)

COMPLETIONS ENGINEER: Michael Sollee, Denver, CO

(720)-929-6057 (Office) (832)-859-0515 (Cell)

SIGNATURE:

ENGINEERING MANAGER: JEFF DUFRESNE

SIGNATURE:

REMEMBER SAFETY FIRST!

 Name:
 Bonanza 1023-7M

 Location:
 SW SW Sec. 7 10S 23E

Uintah County, UT

Date: 02/14/11

ELEVATIONS: 5277 GL 5295 KB

TOTAL DEPTH: 8361 **PBTD:** 8312

SURFACE CASING: 9 5/8", 36# J-55 8RD @ 2076'

7", 23#, J-55 8RD @ 2559'

PRODUCTION CASING: 4 1/2", 11.6#, I-80 8RD LT&C @ 8358'

Marker Joint 3971-3991'

TUBULAR PROPERTIES:

| | BURST | COLLAPSE | DRIFT DIA. | CAPACITIES | |
|------------------|-------|----------|------------|------------|----------|
| | (psi) | (psi) | (in.) | (bbl/ft) | (gal/ft) |
| 2 3/8" 4.7# J-55 | 7,700 | 8,100 | 1.901" | 0.00387 | 0.1624 |
| tbg | | | | | |
| 4 ½" 11.6# I-80 | 7780 | 6350 | 3.875" | 0.0155 | 0.6528 |
| (See above) | | | | | |
| 2 3/8" by 4 ½" | | | | 0.0101 | 0.4227 |
| Annulus | | | | | |

TOPS: BOTTOMS:

1166' Green River

1351 Birdsnest

1718' Mahogany

4102' Wasatch Top 6189' Wasatch Bottom

6189' Mesaverde Top 8361' Mesaverde Bottom (TD)

T.O.C. @ 750

GENERAL:

- A minimum of 4 tanks (cleaned lined 500 bbl) of recycled water will be required. Note: Use biocide in tanks and the water needs to be at least 45°F at pump time.
- All perforation depths are from Halliburtons Induction-Density-Neutron log dated 5/3/2008
- 2 fracturing stages required for coverage.
- Procedure calls for 3 CBP's (8000 psi).
- Calculate open perforations after each breakdown. If less than 60% of the perforations appear to be open, ball out with 15% HCl.
- Pump scale inhibitor at 3 gpt (in pad and until 1.25 ppg ramp up is reached) and 10 gpt in all flushes except the final stage. Remember to pre-load the casing with scale inhibitor for the very first stage with 10 gpt.
- 30/50 mesh Ottawa sand, **Slickwater frac**.
- Maximum surface pressure **6200** psi.

- Flush volumes are the sum of slick water and acid used during displacement (include scale inhibitor as mentioned above). Stage acid and scale inhibitor if necessary to cover the next perforated interval.
- Call flush at 0 PPG @ inline densiometers. Slow to 5 bbl/min over last 10-20 bbls of flush. Flush to top perf.
- If distance between plug and top perf of previous stage is less than 50', it is considered to be tight spacing over flush stage by 5 bbls (from top perf)
- Service companies need to provide surface/production annulus pop-offs to be set for 500 psi for each frac.
- Pump 20/40 mesh **curable resin coated sand** last 5,000# of all frac stages
- TIGHT SPACING ON STAGE 1; OVERFLUSH BY 5 BBLS
- Tubing Currently Landed @~7742
- Originally completed on 7/2/2008

Existing Perforations:

| Existing Perfora | ations: | | | |
|------------------|---------|------|-----|------------|
| Zone | From | То | SPF | # of Shots |
| Mesaverde | 6462 | 6464 | 4 | 8 |
| Mesaverde | 6476 | 6478 | 4 | 8 |
| Mesaverde | 6528 | 6530 | 4 | 8 |
| Mesaverde | 6562 | 6564 | 4 | 8 |
| Mesaverde | 6646 | 6648 | 4 | 8 |
| Mesaverde | 6754 | 6755 | 4 | 4 |
| Mesaverde | 6850 | 6852 | 4 | 8 |
| Mesaverde | 6919 | 6920 | 4 | 4 |
| Mesaverde | 6960 | 6962 | 4 | 8 |
| Mesaverde | 6983 | 6984 | 4 | 4 |
| Mesaverde | 7002 | 7004 | 4 | 8 |
| Mesaverde | 7230 | 7232 | 4 | 8 |
| Mesaverde | 7248 | 7250 | 4 | 8 |
| Mesaverde | 7304 | 7306 | 4 | 8 |
| Mesaverde | 7316 | 7320 | 4 | 16 |
| Mesaverde | 7502 | 7506 | 4 | 16 |
| Mesaverde | 7586 | 7588 | 4 | 8 |
| Mesaverde | 7622 | 7624 | 4 | 8 |
| Mesaverde | 7694 | 7698 | 4 | 16 |
| Mesaverde | 7784 | 7786 | 4 | 8 |
| Mesaverde | 7820 | 7822 | 4 | 8 |
| Mesaverde | 7834 | 7836 | 4 | 8 |
| Mesaverde | 7852 | 7854 | 4 | 8 |
| Mesaverde | 7912 | 7914 | 4 | 8 |
| Mesaverde | 8140 | 8143 | 4 | 12 |
| Mesaverde | 8178 | 8182 | 4 | 16 |
| Mesaverde | 8234 | 8236 | 4 | 8 |
| Mesaverde | 8260 | 8262 | 4 | 8 |

Relevant History:

• July 2008- Well frac'ed. 7stgs MV. Clean out to 8312. Land tbg at 7742

• Sept 2010—Slickline. Stuck spring. Worked loose. Stacked out bailer at 7953.

H2S History:

BONANZA 1023-7M

| | DO14(1)42(1)11 | 720 1111 |
|----|----------------|------------------------------|
| | Date | H2S H2S_SEPARATO R_PPM |
| 1 | 10/1/2008 | 15.00 |
| 2 | 11/1/2008 | 0.00 |
| 3 | 12/1/2008 | 0.00 |
| 4 | 1/1/2009 | 0.00 |
| 5 | 2/1/2009 | 0.00 |
| 6 | 3/1/2009 | 20.00 |
| 7 | 4/1/2009 | 0.00 |
| 8 | 5/1/2009 | 40.00 |
| 9 | 6/1/2009 | 18.00 |
| 10 | 7/1/2009 | 30.00 |
| 11 | 8/1/2009 | 34.00 |
| 12 | 9/1/2009 | 12.00 |
| 13 | 10/1/2009 | 15.00 |
| 14 | 11/1/2009 | 35.00 |
| 15 | 12/1/2009 | 36.00 |
| 16 | 1/1/2010 | 30.00 |
| 17 | 2/1/2010 | 33.00 |
| 18 | 3/1/2010 | 30.00 |
| 19 | 4/1/2010 | 35.00 |

<u>PROCEDURE</u>: (If using any chemicals for pickling tubing or H2S Scavenging, have MSDS for all chemicals prior to starting work.)

- 1. MIRU. Control well with recycled water and biocide as required. ND WH, NU BOP's and test.
- 2. If the tubing is below the proposed CBP depth, TOOH with 2-3/8", 4.7#, J-55 (or N-80) tubing (currently landed at ~7742'). Visually inspect for scale and consider replacing if needed. If the tubing is above the proposed CBP depth, RIH with tubing and tag for fill before TOOH.
- 3. If tbg looks ok consider running a gauge ring to 6128 (50' below proposed CBP). Otherwise P/U a mill and C/O to 6128 (50' below proposed CBP).
- 4. Set 8000 psi CBP at ~ 6078'. ND BOPs and NU frac valves. Test frac valves and casing to 1000 and 3500 psi for 15 minutes each and to 6200 psi for 30 minutes. Test 4-1/2 x 8-5/8" annulus to 200 psi for 15 minutes and check for communication to the production casing. As per standard operating procedure install steel blowdown line to reserve pit from 4-1/2" X 8-5/8" annulus with pressure relief valve in line. Pressure relief will be set to release at 500 psig. Lock **OPEN** the Braden head valve. Annulus will be monitored throughout

stimulation. If release occurs, stimulation will be shut down. Well conditions will be assessed and actions taken as necessary to secure the well. UDOGM will be notified if a release to the annulus occurs.

5. Perf the following with 3-3/8" gun, 23 gm, 0.36"hole:

| Zone | From | To | spf | # of shots |
|---------|------|------|-----|------------|
| WASATCH | 5801 | 5804 | 4 | 12 |
| WASATCH | 6045 | 6048 | 4 | 12 |

- 6. Breakdown perfs and establish injection rate (<u>include scale inhibitor in fluid</u>). Spot 250 gals of 15% HCL and let soak 5-10 min. Fracture as outlined in Stage 1 on attached listing. Under-displace to ~5801' and trickle 250gal 15% HCL w/ scale inhibitor in flush . **NOTE: TIGHT SPACING THIS STAGE, OVERFLUSH BY 5BBLS**
- 7. Set 8000 psi CBP at ~5,765'. Perf the following 3-3/8" gun, 23 gm, 0.36"hole:

| Zone | From | To | spf | # of shots |
|---------|------|------|-----|------------|
| WASATCH | 5514 | 5516 | 3 | 6 |
| WASATCH | 5576 | 5579 | 3 | 9 |
| WASATCH | 5733 | 5735 | 3 | 6 |

- 8. Breakdown perfs and establish injection rate. Fracture as outlined in Stage 2 on attached listing. Under-displace to ~5514' and flush only with recycled water.
- 9. Set 8000 psi CBP at~5,464'.
- 10. ND Frac Valves, NU and Test BOPs.
- 11. TIH with 3 7/8" bit, pump off sub, SN and tubing.
- 12. Drill plugs and clean out to PBTD. Shear off bit and land tubing at ± 7742 ' unless indicated otherwise by the well's behavior. The well will be commingled at this time.
- 13. Clean out well with foam and/or swabbing unit until steady flow has been established from completion.
- 14. **Leave surface casing valve locked open**. Monitor and report any flow from surface casing. RDMO

For design questions, please call Michael Sollee, Denver, CO (720)-929-6057 (Office) (832)-859-0515 (Cell)

For field implementation questions, please call Jeff Samuels, Vernal, UT 435-781 7046 (Office)

NOTES:

TIGHT SPACING ON STAGE 1; OVERFLUSH BY 5 BBLS

Verify that the Braden head valve is locked OPEN.

If using any chemicals for pickling tubing or H2S Scavenging, have MSDS for all chemicals prior to starting work

Name Bonanza 1023-7M Perforation and CBP Summary

| | | Perfo | rations | | | | | |
|-------|------------------|---------|------------|-----|-------|-----------|------------|--------|
| Stage | Zones | Top, ft | Bottom, ft | SPF | Holes | Frac | ture Cover | age |
| | | | · | | | | | _ |
| 1 | WASATCH | 5801 | 5804 | 4 | 12 | 5796 | to | 5811.5 |
| | WASATCH | 6045 | 6048 | 4 | 12 | 6030.5 | to | 6055.5 |
| | WASATCH | | | | | | | |
| | WASATCH | | | | | | | |
| | WASATCH | | | | | | | |
| | WASATCH | | | | | | | |
| | WASATCH | | | | | | | |
| | | | | | Look | | | |
| | # of Perfs/stage | | | | 24 | CBP DEPTH | 5,765 | |
| | | | | | | | | |
| 2 | WASATCH | 5514 | 5516 | 3 | 6 | 5512.5 | to | 5516.5 |
| | WASATCH | 5576 | 5579 | 3 | 9 | 5567.5 | to | 5581 |
| | WASATCH | 5733 | 5735 | 3 | 6 | 5731.5 | to | 5735 |
| | WASATCH | | | | | | | |
| | WASATCH | | | | | | | |
| | WASATCH | | | | | | | |
| | WASATCH | | | | | | | |
| | WASATCH | | | | | | | |
| | | | | | Look | | | |
| | # of Perfs/stage | | | | 21 | CBP DEPTH | 5,464 | |
| | | | | | | | | |
| | | | | | | | | |
| | Totals | | | | 45 | | | |

| | | | | | | | | | | : | | | | | | | |
|----------------------|----------------------|-----------|--------|--------------------------------------|---------|----------|-------------------|----------------|------------|-----------------------|---|-------------------|-----------------|------------------|--------------------------|--|------------------|
| Name Bonanza 1023-7M | | Ī | | Recomplete? | > | | | Production Log | 0 | nter 1 if run | cntel number of swanning days nere for recompletes Enter 1 if running a Production Log | rion Log | | sanaid | | | |
| Slickwater Frac | Copy to new book | <u> </u> | | Pad? | z | | | DFIT | 0 | Enter Number of DFITs | r of DFITs | , | | | | | |
| | | | | ACTS? | z | ŀ | | | | | | | | | | | |
| | Perfs | | Rate | Fluid | Initial | Final | Fluid | Volume | Cum Vol | Volume | Cum Vol | Fluid | Sand | Sand | Cum. Sand | Footage from | Scale Inhib., |
| Stage Zone | Top, ft. Bot., ft Si | SPF Holes | BPM | Туре | bdd | bdd | | gals | gals | BBLs | BBLs | | % of frac | sq | sq | CBP to Flush | gal. |
| 1 WASATCH | | - | Wariod | Dumm in toot | | _ | Slichwater | | | c | | | | | | | |
| WASATCH | 6045 6048 | | 12 0 | ISIP and 5 min ISIP | |) | | | > | > | > | | | | | | 37 |
| WASATCH | | _ | 20 | Slickwater Pad | | | Slickwater | 4,532 | 4,532 | 108 | 108 | 15.0% | %0:0 | 0 | 0 | | 14 |
| WASATCH | | _ | 3 6 | Slickwater Ramp | 0.25 | ر د د | Slickwater | 15,107 | 19,639 | 360 | 468 | 20.0% | 35.7% | 13,219 | 13,219 | | 2 c |
| WASATCH | | _ | 2 6 | 50 Flush (4-1/2) | 3 | | Slickwater | 3,787 | 34,001 | 06 | 810 | 8 0.00 0.00 | 8 7 7 | 067,02 | 37,012 | | 0 |
| WASATCH | | _ | | ISDP and 5 min ISDF | | · co | Slickwater | | | | | | | | | | 0 |
| WASATCH | | _ | | | | | | | | | | | | | 040 | | 0 0 |
| WASAICH | | _ | | | | | | | 34 001 | б | 2 | | | | 21,012 | | - Z |
| WASATCH | | | | | | | | | 5 | 3 | 2 | | | | | _ | 134 |
| WASATCH | | | | | | | | | | | | | | | | | |
| WASATCH | | | | | | | | | | | | | | | | | |
| WASATCH | | | | | | (O | Sand laden Volume | lume | 30,214 | | | | | | | | |
| | _ | Leek | | | | | | | | — i | | | gal/md-ft | 19,000 | 23,275 | ft 19,000 23,275 lbs sand/md-ft | |
| | # of Perfs/stage | age 24 | | | | Ī | Ī | | | 료 | Flush depth | 2801 | ö- | P depth 6 | 5,765 | 98 | |
| | | | 16.2 | << Above pump time (min) | (min) | | | | | | | | | | | | |
| 2 WASATCH | 5514 5516 | | Varie | Varied Pump-in test | | S. | Slickwater | | 0 | 0 | 0 | | | | | | |
| WASATCH | | m | 0 (| 0 ISIP and 5 min ISIP | | | | 0 | 0 | 1 | î | | | (| (| | 0 ; |
| WASATCH | | | | Slickwater Pad | | | Slickwater | 3,307 | 3,307 | S : | 6/ | 15.0% | %0:0 | 0 ! | 0 ! | | 10 |
| WASATCH | | | 3 2 | Slickwater Ramp | 0.25 | C (| Slickwater | 11,024 | 14,331 | 262 | ¥ 5 | 20.0% | 37.3% | 6,890 | 6,890 | | |
| WASATCH | | _ | 2 6 | 50 Slickwater Ramp 50 Eluck 4 100 | - | | Slickwater | 9.7.7 9.600 | 22,047 | × % | 572 | %D.G.R | 97.7% | G/G'LL | 18,464 | | - c |
| WASAICH | | _ | 3 | ISDP and 5 min ISDP | | 0 (/) | Slickwater | 200 | 10.07 | 3 | 5 | | | | 1.0 | | 0 |
| WASATCH | | | | | |) | | | | | | | | | | | . 0 |
| WASATCH | | _ | | | | | | | | | | | | | 18,464 | | 0 |
| WASATCH | | | | | | | | | 25,647 | 98 | 611 | | | | | _ | 0 |
| WASATCH | | _ | | | | | | | | | | | | | | | 5 |
| WASAICH | | _ | | | | | | | | | | | | | | | |
| WASATCH | | | | | | <u> </u> | Sand laden Volume | lume | 22,047 | | | | | | | | |
| | | Ę | | | | | | | | | | | gal/md-ft | 30,000 | 25,125 | 25,125 lbs sand/md-ft | |
| | # of Perfs/stage | age 21 | | 3 | | Ī | Ī | | 1 | ₹ - | Flush depth | 2214 | ö- | CBP depth 5,464 | 2,464 | 8 | |
| | | 97 | 7.71 | << Above pump time (min) | (mm)_ | | | Total Elinia | 50 647 | i e | 1 420 1115 | 3 | - 5 | Potol Cand | 55 A76 | | |
| locals | | | _ | | | | | otal rigid | 1.420 bbls | obls | 1024,1 | Sign | | iai sailu | 90,470 | | |
| - | | | 0.5 | | | | | - | | | 3.2 tanks | anks | | | Total 9 | Total Scale Inhib. = | 177 |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | F 9 | Total Stages | 2 | stages | |
| | | | | | | | | | | | | | Last | Last Stage Flush | | U S S | |
| | | | | | | | | | | | ď | Nice Co | nnam. | ad Dailor | micale lob | Totale | |
| | | | | | | | | | | | B _ | -riction F | educer | 28 c | nals @ | | GPT |
| | | | | | | | | | | | | Ø € | rfactant | 299 | Surfactant 56 gals @ 1.0 | | GPT |
| | | | | | | | | | | | | Clays | abilizer | 92 | gals @ | | GPT |
| | | | | | | | | | | | 3 | Catho | 5% HCI | 200 | gals @ | | gal/stg |
| | | | | | | | | | | | 5 07 | Ifactant | for acid | o ← | 99 Sec ⊕ Sec ⊕ Sec | | GPT of aci |
| | | | | | | | | | | | Corrosion Inhibitor for acid | Inhibitor | for acid | | gals @ | | GPT of aci |
| | | | | | | | | | | | | | | | | | |
| | | | | | | | | | | Third | arty Supplie | od Chem | cals.lob | otals - Incli | ude Pumping | Third Party Supplied Chemicals . Inb Totals - Include Pumping Charge if Applicable | nlicable |
| | | | | | | | | | | | | Scale | Scale Inhibitor | 177 | gals pumped | per schedule | above |
| | | | | | | | | | | | | | Biocide | | gals @ | gals @ 0.5 GPT | GPT |

Acid Pickling and H2S Procedures (If Required)

**PROCEDURE FOR PUMPING ACID DOWN TBG

WHEN FINDING SCALE IN TUBING THAT IS ACID SOLUBLE, ENSURE THAT PLUNGER EQUIPMENT IS REMOVED AND ABLE TO PUMP DOWN TBG. INSTALL A 'T' IN PUMP LINE W/2" VALVE THAT NALCO CAN TIE INTO. HAVE 60 BBLS 2% KCL MIXED W/ 10-15 GAL H2S SCAVENGER IN RIG FLAT TANK. (WE USED THE RIG FLAT TANK FOR MIXING CHEMICAL SO WE DIDN'T HAVE THE CHEMICAL IN ALL FLUIDS ON LOCATION, ONLY WHAT WE NEEDED TO PUMP DOWN HOLE)

- 1. PUMP 5-10 BBLS 2% KCL DOWN TBG (NALCO CANNOT PUMP AGAINST PRESSURE)
- 2. NALCO WILL PUMP 3 DRUMS HCL (31%) INTO PUMP LINE.
- 3. FLUSH BEHIND ACID WITH 10-15 BBL 2% KCL
- 4. PUMP 2—30 BBL 2% W/ H2S SCAVENGER DOWN TBG.
- 5. PUMP REMAINDER OF 2% W/ H2S SCAVENGER DOWN CASING AND SHUT WELL IN FOR MINIMUM OF 2 HRS.
- 6. OVER DISPLACE DOWN TBG AND CSG TO FLUSH ACID AND SCAVENGER INTO FORMATION
- 7. MONITOR TUBING FOR FLOW AND CASING FOR H2S NOW AS POOH W/ TUBING.

** PROCEDURE FOR PUMPING H2S SCAVENGER WITHOUT ACID

PRIOR TO RIG MOVING ON OR AS RIG PULLS ONTO LOCATION. TEST CASING, TUBING AND SEPARATOR FOR H2S. IF FOUND MAKE SURE THAT PLUNGER SYSTEM IS REMOVED (IT IS POSSIBLE TO PUMP AROUND PLUNGERS BUT SOME WILL HAVE A STANDING VALVE IN SEATING NIPPLE).

- 1. MIX 10-15 GAL H2S SCAVENGER WITH 60-100 BBL 2% KCL IN RIG FLAT TANK.
- 2. PUMP 25 BBLS MIXTURE DOWN TUBING AND REST DOWN CASING. SHUT WELL IN FOR 2 HOURS.
- 3. IF WELL HAS PRESSURE AFTER 2 HOURS RETEST CASING AND TUBING FOR H2S.
- 4. FLUSH TUBING AND CASING PUSHING H2S SCAVENGER INTO FORMATION.
- 5. MONITOR TUBING FOR FLOW AND CASING FOR H2S NOW AS POOH W/ TUBING.

^{**} As per APC standard operating procedure, APC foreman will verify ALL volumes pumped and record on APC Volume Report Form

Key Contact information

Completion Engineer

Michael Sollee: 832-859-0515, 720-929-6057

Production Engineer

Kyle Bohannon: 804-512-1985, 435-781-7068

Completion Supervisor Foreman

Jeff Samuels: 435-828-6515, 435-781-7046

Completion Manager

Jeff Dufresne: 720-929-6281, 303-241-8428

Vernal Main Office

435-789-3342

Emergency Contact Information—Call 911

Vernal Regional Hospital Emergency: 435-789-3342

Police: (435) 789-5835

Fire: 435-789-4222

Form 3160-4 (August 2007)

UNITED STATES DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT

FORM APPROVED OMB No. 1004-0137 Expires: July 31, 2010

| | WELL (| COMPI | LETION C | RR | ECO | MPLE | TION R | EPOR | RT AN | ID LO | 3 | | | ease Serial TU38420 | No. | |
|---|-----------------------------|------------------|--------------------|------------------|----------|-----------------|----------------------|------------------|---------------------------|---------------------------------------|---------------|---------------------------------------|--|-------------------------|-----------------|--|
| la. Type of | f Well | Oil Well | l 🛭 Gas | Vell | <u> </u> | • | ☐ Other | | | | | | 6. If | Indian, All | ottee o | or Tribe Name |
| b. Type of | f Completion | _ | New Well | □ Wo | ork Ov | er [| ☐ Deepen | ☐ P | lug Bac | k 🛭 | Diff. I | Resvr. | 7. U | nit or CA A | green | nent Name and No. |
| | | Oth | er | | | | | | | | | | | | | |
| 2. Name of KERR | Operator MCGEE OIL | . & GAS | ONSHORE | Mail: | JAIMI | Contac E.SCH | t: JAIME L ARNOWS | SCHA (E@AN | ARNOV IADAR | VSKE KO.COI | Λ | | | ease Name ONANZA | | |
| 3. Address | PO BOX O | | 217 | | | | | Phone: 720-9 | | clude are 04 | a code |) | 9. A | PI Well No | | 43-047-37215 |
| 4. Location | of Well (Re | port locat | ion clearly an | d in ac | cordar | nce with | Federal red | quireme | nts)* | | | | 10. F | ield and Pol IATURAL | ool, or BUTT | Exploratory ES |
| At surfa | | | 082FSL 439 | | | | | | | | | | 11. 5 | Sec., T., R., | M., o | r Block and Survey 10S R23E Mer SLB |
| At top p | orod interval i | reported b | pelow SWS | SW Lo | t 4 10 | 82FSL | 439FWL | | | | | | | County or P | | 13. State |
| | | SW Lot | 4 1082FSL 4 | | | | | I | | | | | | INTAH | | UT |
| 14. Date St 02/23/2 | | | 15. Da 05. | ite T.D 02/20 | | hed | | | ate Con & A)/19/20 | □ ⊠ Rea | dy to I | Prod. | 17. I | Elevations (52 | DF, K 77 GL | B, RT, GL)* |
| 18. Total D | | MD TVD | 8360 | | | | ack T.D.: | MD TVI | | 8312 | | 20. Dep | th Bri | dge Plug Se | et: | MD TVD |
| 21. Type E CBL/GI | lectric & Oth R-SD/DSN// | er Mecha ACTR | nical Logs R | ın (Sul | omit co | opy of e | ach) | | | 22 | Was | well cored DST run? ctional Su | l? vey? | 🔯 No | □ Ye | es (Submit analysis) es (Submit analysis) es (Submit analysis) |
| 23. Casing at | nd Liner Reco | ord (Repe | ort all strings | set in | well) | | | | | · · · · · · · · · · · · · · · · · · · | | | | 1 | | |
| Hole Size | Size/G | rade | Wt. (#/ft.) | To (M | - | Botto (MI | | Cemen Depth | | No. of Sk ype of Co | | Slurry (BB | | Cement ' | Тор* | Amount Pulled |
| *************************************** | ļ | | | | | | | | _ | | | <u> </u> | | , | | |
| | | | | | | | | . | | | | | | | | |
| | | | | | | | | | _ | | | +- | | | | |
| | | | | | | | | | | | | | | | | İ |
| | | | | | | l | | | | | | | | | | |
| 24. Tubing | | (D) n | | 2.02 | 1 0: | | D 11 G . (| , (n) T | | D .1. | | T 6: | T : | 1.0.00 | -, T | D 1 D 1 (10) |
| Size 2.375 | Depth Set (M | 1D) F | acker Depth | MD) | Si | ze | Depth Set (| MD) | Раске | r Depth (| MD) | Size | De | pth Set (M | ט (ע | Packer Depth (MD) |
| | ng Intervals | 0,10,1 | " Lui t | | 1 | | 26. Perfor | ration Re | ecord | | * | | - | | | |
| Fo | ormation | | Тор | | Во | ttom | | Perforat | ed Inter | val | | Size | N | No. Holes | | Perf. Status |
| A) | WASA | | | 5514 | | 6048 | t | | | 14 TO 6 | _ | 0.3 | 60 | | OPE | |
| B) | MESAVE | RDE | | 6462 | | 8262 | | | 64 | 62 TO 8 | 262 | 0.3 | 60 | 248 | OPE | N |
| <u>C)</u> D) | | | | | | | | | | | | · · · · · · · · · · · · · · · · · · · | + | | | |
| | racture, Treat | ment, Ce | ment Squeeze | , Etc. | | | 1 | | | | | | | | | |
| | Depth Interva | | | | | | | | | nt and Ty | | <u> (aterial</u> | | | | |
| | 55 | 14 TO 6 | 048 PUMP 1 | ,917 B | BLS S | LICK H2 | 2O & 56,280 | LBS 30/ | /50 OTT | AWA SA | ND | | | | | |
| | | | `. | | | | | | | | | | | | | |
| | | | | | | | | | | | | | ······································ | | | |
| 28. Product | ion - Interval | A | • | | | | | | | | | | | | | |
| Date First Produced | Test Date | Hours Tested | Test Production | Oil BBL | | Gas MCF | Water BBL | | l Gravity orr. API | | Gas Gravit | y | Product | ion Method | | |
| 10/19/2011 | 10/21/2011 | 24 | | 0.0 | - | 455.0 | | - | | | \perp | | | FLOV | VS FR | OM WELL |
| Choke Size | Tbg. Press. Flwg. 116 | Csg. Press. | 24 Hr. Rate | Oil BBL | | Gas MCF | Water BBL | | as:Oil atio | | Well S | Status | | | | |
| 48/64 | SI | 481.0 | | 0 | | 455 | 80 | | | | | PGW | | · | | |
| | tion - Interva | | Trus | 0:1 | - | C | 337-4 | I _o . | 1.6 | | Ic | | D-a d- · · | an Made - 3 | | |
| Date First Produced | Test Date | Hours Tested | Test Production | Oil BBL | | Gas MCF | Water BBL | | l Gravity orr, API | | Gas Gravit | у | rroduct | ion Method | | |
| Choke Size | Tbg. Press. Flwg. SI | Csg. Press. | 24 Hr. Rate | Oil BBL | | Gas MCF | Water BBL | | as:Oil atio | | Well | Status | | | | RECEIVE |

NOV 2 8 2011

| 201 D d- | | -1.0 | | | | | | | | | | | |
|--------------------------|---|--------------------------------------|---|----------------------------|------------------------------|---|--------------------------|-------------------------|----------------|------------------------|--|-------------------|---------------------------------------|
| Date First | Test | Hours | Test | Oil | lc | Water | Oil Gravity | • | Gas | | Production Method | | |
| Produced | Date | Tested | Production | BBL | Gas MCF | BBL | Corr. API | | Gas Gravity | | Production Method | | |
| Choke Size | Tog. Press. Flwg. SI | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio | | Well St | atus | | | |
| 28c. Produ | uction - Interv | al D | | • | | • | • | | | | | | |
| Date First Produced | Test Date | Hours Tested | Test Production | Oil BBL | Gas MCF | Water BBL | Oil Gravity Corr. API | | Gas Gravity | | Production Method | | |
| Choke Size | Tbg. Press. Flwg. SI | Csg. Press. | 24 Hr. Rate | Oil BBL | Gas MCF | Water BBL | Gas:Oil Ratio | | Well St | atus | | | |
| 29. Dispos | sition of Gas(S | Sold, used | for fuel, vent | ed, etc.) | | | | | | | - | | |
| | ary of Porous | Zones (In | clude Aquife | rs): | | | | | - 1 | 31. For | mation (Log) M: | arkers | |
| tests, i | all important a including dept coveries. | | | | | | | | | | | | |
| | Formation | | Top | Bottom | | Description | s, Contents | , etc. | | | Name | | Top Meas. Depth |
| Attacl New i Produ | ional remarks hed is the ch recompletion uction test inf | ronologica perfs are o is from | al recomple in the Was all perfs. C | tion history atch 5514- | 6048; exist | ing perfs in I | | 262. | | BIF MA WA | EEEN RIVER RD'S NEST HOGANY ISATCH SAVERDE | | 1166 1351 1718 4102 6189 |
| | riginal comple | | ort. | | | | | | | | | | |
| | ectrical/Mecha | | (1 full set re | eq'd.) | | 2. Geologic I | Report | | 3.] | DST Re | port | 4. Direction | nal Survey |
| | ndry Notice fo | _ | ` | * / | | 6. Core Anal | - | | | Other: | - | | · |
| 34. I here | by certify that | the forego | Ų | ronic Subm | ission #123 | plete and corr 794 Verified DIL & GAS (| by the BLI | M Well In | forma | ation Sy | e records (see atta | ached instruction | ons): |
| Name | (please print) | JAIME L | . SCHARNO | OWSKE | | | Tit | le <u>REGU</u> | LATO | RY AN | ALYST | | |
| Signat | ture | (Electron | ic Submiss | ion) | | | Da | te <u>11/21/2</u> | 2011 | | | | ····· |
| | | 100- | | | | | | | | | | | · · · · · · · · · · · · · · · · · · · |
| of the Uni | J.S.C. Section ited States any | 1001 and 'false, fict | Litle 43 U.S. itious or frad | C. Section 1 ulent statem | 212, make i ents or repre | t a crime for a | any person l | knowingly ter within | and v | villfully isdiction | to make to any o | department or a | gency |

US ROCKIES REGION

| Well: BONANZA | 1023-7N | Л | | | | | Spud Date: 3/10/2008 |
|---------------------------|---|-----------------|------------------|-----------|------------|-----------------|--|
| Project: UTAH-U | INTAH | | | Site: BO | NANZA 10 | 23-7M | Rig Name No: ROYAL WELL SERVICE 2/2 |
| vent: RECOMP | L/RESE | REVEADD | | Start Dat | e: 10/5/20 | 11 | End Date: 10/18/2011 |
| Active Datum: R Level) | KB @5,4 | 58.00usft (ab | ove Mean Se | a | UWI: BO | NANZA 1023-7M | |
| Date | 100000000000000000000000000000000000000 | Time art-End | Duration (hr) | Phase | Code | Sub P/U Code | MD From Operation (usft) |
| 10/5/2011 | 7:00 | - 7:15 | 0.25 | COMP | 48 | Р | SAFETY= R/U SAFETY |
| | 7:15 | - 8:30 | 1.25 | COMP | 30 | P | CP=60# TP=60# MIRU BLOW DOWN WELL. NDWH NUBOP. R/U FLOOR & TBNG EQUIP. MIRU SCANNERS |
| | 8:30 | - 11:00 | 2.50 | COMP | 30 | Р | UNLAND WELL POOH WHILE SCANNING 2-3/8" J-55 TBNG. STAND BACK 172 JNTS NEEDED TO T/U & D/O CBP'S. L/D 74 JTS TBNG NOT NEEDED UNTIL WELL IS COMMINGLED. 246 JTS TBNG TOTAL RDMO SCANNERS. NOTE: 2 BAD JNTS W / WEAR #192 & # 246. LIGHT SCALE ON BTTM 20 JTS. |
| | 11:00 | - 14:00 | 3.00 | COMP | 30 | P | MIRU WIRELINE P/U RIH W/ 3.75 GUAGE CORELATE DEPTH RIH TO 6130'. POOH L/D GUAGE RING. P/U RIH W/ 4-1/2 8K HALIBURTON CBP CORELATE DEPTH & SET CBP MID CSNG JNT @ 6085'. POOH R/D WIRELINE NDBOP N/U FRAC VALVE. |
| | 14:00 | - 17:00 | 3.00 | COMP | 30 | Р | MIRU PRESSURE TESTERS. LOAD HOLE W/ FLUID FILL SURFACE CSG. MIRU B&C QUICK TEST. PSI TEST T/ 1000 PSI. HELD FOR 15 MIN GAINED 7 PSI. TEMP?? PSI TEST T/ 3500 PSI. HELD FOR 15 MIN LOST 28.7 PSI. 1ST PSI TEST T/ 6200 PSI. HELD FOR 30 MIN LOST 10 PSI. BLEED OFF PSI. RDMO TESTER |
| | | - 19:15 | 2.25 | COMP | 30 | P | P/U LUBRICATOR + PACK OFF PU 3 1/8 EXP GUN, 23 GM, .36 HOLE SIZE. 90 DEG PHASIING. P/U & PERF BUT BOTH GUNS WENT OFF ON FIRST DEPTH SETTING (CHANGED ON PERF SHEET) ALSO OK'D WITH COMPLETION SUPERVISOR FOREMAN TO CONTINUE FRAC. SWIFN WILL SHOOT MISSED ZONE IN THE A.M. |
| 10/6/2011 | | - 7:15 | 0.25 | COMP | 48 | Р | SAFETY = OVERHEAD OBJECTS & PINCH POINTS |
| | | - 10:30 | 3.25 | COMP | 30 | P | SICP=0# R/U WIRELINE. OPEN WELL, PU 3 1/8 EXP GUN, 23 GM, .36 HOLE SIZE. 90 DEG PHASIING. P/U PERF AS PER DESIGN. POOH L/D WIRELINE. MIRU FRAC CREW |
| | 10:30 | - 13:30 | 3.00 | COMP | 30 | Р | PRESSURE TEST FRAC LINES T/7200 PSI. LOST 197 # IN 15 MINUTES W/ NO VISIBLE LEAKS. SET MECHANICAL POP-OFF @6100 PSI. TEST ALL 6 PUMP KICKOUTS @ 6000 PSI. OPEN WELL & PUMF 1ST STAGE. WHP 172 PSI, BRK 3154 PSI @ 3.5 BPM. ISIP 1524 PSI, FG .70. |
| | | | | | | | CALC PERFS OPEN @ 45.5 BPM @ 3686 PSI = 68% HOLES OPEN. ISIP 1965 PSI, FG .77, NPI 441 PSI. MP 4348 PSI, MR 50.8 BPM, AP 3686 PSI, AR 49.9 BPM |

| | | | | | Opera | ition 8 | summa | ry Report | |
|---------------------------|-------------------|-----------------|------------------|-----------|------------|-------------|--|-------------------|--|
| Well: BONANZA | \ 1023-7 N | Л | | | | | <u>, a , a , a , a , a , a , a , a , a , a</u> | Spud Date: 3/10 | 0/2008 |
| Project: UTAH-L | JINTAH | | | Site: BO | NANZA 1 | 023-7M | | | Rig Name No: ROYAL WELL SERVICE 2/2 |
| Event: RECOMF | PL/RESE | REVEADD | | Start Dat | e: 10/5/20 | 011 | | | End Date: 10/18/2011 |
| Active Datum: R Level) | KB @5,4 | 58.00usft (ab | ove Mean Se | ea | UWI: BO | ONANZA | 1023-7 M | | |
| Date | | Time art-End | Duration (hr) | Phase | Code | Sub Code | P/U | MD From (usft) | Operation |
| | 13:30 | - 14:30 | 1.00 | COMP | 30 | | Р | | PU 4 ½ 8K HAL CBP & 3 1/8 EXP GUN, 23 GM, .36 HOLE SIZE. 120 DEG PHASIING. RIH SET CBP @ 5760' P/U PERF AS PER DESIGN. PUMP 2ND STAGE. WHP 1053 PSI, BRK 2375 PSI @ 3.5 BPM. ISIP 1557 PSI, FG .72. CALC PERFS OPEN @ 45.5 BPM @ 5398 PSI = 66% HOLES OPEN. ISIP 1535 PSI, FG .71, NPI -22 PSI. MP 5892 PSI, MR 49.8 BPM, AP 5398 PSI, AR 45.5 BPM |
| | | | | | | | | | TOTAL SAND = 56,280# |
| | 14:30 | - 17:00 | 2.50 | COMP | 30 | | P ; | | TOTAL CLFL = 1917 BBLS WIRELINE PU 4-1/2 8K HAL CBP RIH & SET @ 5464'. POOH RDMO WIRELINE & FRAC CREW. NDFV NUBOP'S. P/U 3-7/8" MILL+PUMP OPEN BIT SUB +173 JNTS & LEAVE EOT @ 5455' PRESSURE TEST BOP'S TO 3000# P/U SWIVEL & GET READY TO D/O |
| 10/7/2011 | 7:00 | - 7:15 | 0.25 | COMP | 48 | | P | | IN THE A.M. |
| 10///2011 | | - 15:30 | 8.25 | COMP | 30 | | P | | SAFETY= ICY CONDITIONS (SLIPS, TRIPS, FALLS) SICP=0# SITP=0# BREAK CIRC W / FLUID. RIH & T/U |
| | | | | | | | | | ON CBP @ 5464' CBP#1) @5464' D/O CBP IN 10 MIN. W/ 0 PSI INC. RIH & TAG SAND@ 5512' C/O T-CBP#2 NOTE: LIGHT FLOW BACK CBP#2) @5780' D/O CBP IN 10 MIN. W/ 50 PSI INC. RIH & TAG SAND @ 5796' C/O T-ISOLATION CBP @ 6085' DID NOT D/O |
| | | | | | | | | | NOTE: STILL LIGHT FLOW BACK W / 0 PSI FLOW BACK PRESSURE |
| | | | | | | | | | CIRC. BTTMS UP UNTIL NO SAND PRESENT. POOH & LEAVE EOT @5466.97'. NDBOP NUWH. DROP BALL & PUMP OPEN BIT SUB. RELEASE WELL TO FB CREW. RDMO |
| | | | | | | | | | 173 JTS. 2-3/8" J-55 Y-BND TBNG XN |
| | | | | | | | | | FLOAT SUB PUMP "OPEN" BIT SUB 3-7/8" MILL EOT@5466.97' |
| 10/17/2011 | | - 7:30 | 0.50 | COMP | 48 | | Р | | HSM, MOVING RIG & EQUIP |
| | 7:30 | - 11:30 | 4.00 | COMP | 30 | Α | P | | MIRU F/BON 1023-10P, WAIT FOR SWAB RIG TO RIG DWN & MOVE OUT OF WAY.KILL TBG W/ 20 BBLS T-MAC, ND WH, NU BOPS, CSG HAD 1,000# PSI, BLEW DWN TO FB TNK. |
| | 11:30 | - 16:30 | 5.00 | COMP | 31 | I | P | | UNLAND TBG, L/D HANGER, POOH W/ 173 JTS 23/8 J-55 S.L.M, L/D PUMP OPEN SUB, BTM JT GAULDED ON X/N, PU RIH W/ 37/8 BIT, POBS, 1.875 X/N 172 JTS 23/8 J-55 OUT OF DERICK PU 20 JTS 23/8 YELLOW BAND OFF FLOAT. TAG UP @ 6040' RU DRLG EQUIP PREP TO D/O IN AM. SWI SDFN. |

11/10/2011

3:01:24PM

US ROCKIES REGION Operation Summary Report Well: BONANZA 1023-7M Spud Date: 3/10/2008 Project: UTAH-UINTAH Site: BONANZA 1023-7M Rig Name No: ROYAL WELL SERVICE 2/2 Event: RECOMPL/RESEREVEADD Start Date: 10/5/2011 End Date: 10/18/2011 Active Datum: RKB @5,458,00usft (above Mean Sea UWI: BONANZA 1023-7M Level) Date Time Duration Phase Code Sub P/U MD From Operation Start-End (hr) Code (usft) 7:30 - 19:00 11.50 COMP 44 С Р 3SICP 500 PSI, OPEN TO FB TNK, BROKE CIRC W/ AIR/N2 UNITS, C/O 45' SAND D/O CBP @ 6085',KILL TBG POOH 4 JTS REMOVED TSF, RIH TAG UP @ 7765'. INSTALLED TSF, C/O F/ 7765' TO 8263 ' HIT OLD POBS W/ AIR/N2, RD SWIVEL, LD 16 JTS, LAND TBG ON 246 JTS 23/8 J-55.ND BOPS NU WH PUMP OFF BIT W/ AIR/N2 UNITS, TURN WELL OVER TO FB CREW. SDFN (NOTE THIS WELL WAS CLEANED OUT W/ AIR/N2) KB = 18' 41/16 HANGER = .83' 246 JTS 23/8 J-55, TOP 74 YELLOW F/ B&C = 7753.461 POBS W/ 1.875 X/N = 2.20' EPOT @ 7774.49' **TWLTR 40 BBLS**

1 General

1.1 Customer Information

| Company | US ROCKIES REGION |
|----------------|-------------------|
| Representative | |
| Address | |

1.2 Well/Wellbore Information

| Well | BONANZA 1023-7M | Wellbore No. | OH |
|--------------|------------------------|---------------|--|
| Well Name | BONANZA 1023-7M | Wellbore Name | BONANZA 1023-7M |
| Report No. | 1 | Report Date | 10/5/2011 |
| Project | UTAH-UINTAH | Site | BONANZA 1023-7M |
| Rig Name/No. | ROYAL WELL SERVICE 2/2 | Event | RECOMPL/RESEREVEADD |
| Start Date | 10/5/2011 | End Date | 10/18/2011 |
| Spud Date | 3/10/2008 | Active Datum | RKB @5,458.00usft (above Mean Sea Level) |
| UWI | BONANZA 1023-7M | | |

1.3 General

| Contractor | | Job Method | PERFORATE | Supervisor | |
|---------------------|-------------------|------------|-----------|------------|--|
| Perforated Assembly | PRODUCTION TUBING | 1 | WIRELINE | | |

1.4 Initial Conditions

Fluid Type Fluid Density Surface Press Estimate Res Press TVD Fluid Top Fluid Head Hydrostatic Press Press Press Difference

| 1.5 | Summary |
|-----|---------|
|-----|---------|

| Gross Interval | 5,514.0 (usft)-6,048.0 (usft | Start Date/Time | 10/6/2011 | 12:00AM |
|------------------|------------------------------|--------------------------|-----------|--------------|
| No. of intervals | 5 | End Date/Time | 10/6/2011 | 12:00AM |
| Total Shots | 0 | Net Perforation Interval | | 16.00 (usft) |
| Avg Shot Density | 0.00 (shot/ft) | Final Surface Pressure | | |
| | | Final Press Date | | |

2 Intervals

2.1 Perforated Interval

Balance Cond

NEUTRAL

| Date Formation/ CCL@ CCL-T Reservoir (usft) S (usft) | (usft) | MD Base Shot Density (shot/ft) | Misfires/ Diamete Add. Shot r (in) | S S S S S S S S S S S S S S S S S S S | Carr Phas Size (°) | and Milliander and Marchael and the Company of the Marchael I | Charge Reason Weight (gram) | Misrun |
|--|---------|--------------------------------|--|---------------------------------------|-----------------------|---|-----------------------------------|--------|
| 10/6/2011 WASATCH/ | 5,514.0 | 5,516.0 | 0.360 | EXP/ | 3.375 12 | 20.00 | 23.00 PRODUCTIO |) |
| 12:00AM | | | | | | | N | i |

2.1 Perforated Interval (Continued)

| Date Formation/ CCL@ (usft) | CCL-T MD Top MD Base S (usft) (usft) (usft) | Shot Misfires/ Density Add. Sho (shot/ft) | [1] : 4[4] [17] [17] [17] [17] [18] [18] [18] [18] [18] [18] [18] [18 | Manuf Carr Phasing Size (°) (in) | Charge Desc /Charge Charge Reason Misro Manufacturer Weight (gram) | un |
|-------------------------------|---|---|---|----------------------------------|--|----|
| 10/6/2011 WASATCH/ 12:00AM | 5,576.0 5,579.0 | | 0.360 EXP/ | 3.375 120.00 | 23.00 PRODUCTIO N | |
| 10/6/2011 WASATCH/ 12:00AM | 5,733.0 5,735.0 | | 0.360 EXP/ | 3.375 120.00 | 23.00 PRODUCTIO N | |
| 10/6/2011 WASATCH/ 12:00AM | 5,798.0 5,804.0 | | 0.360° EXP/ | 3.375 90.00 | 23.00 PRODUCTIO N | |
| 10/6/2011 WASATCH/ 12:00AM | 6,045.0 6,048.0 | | 0.360 EXP/ | 3.375 90.00 | 23.00 PRODUCTIO N | |

3 Others

3.1 Remarks

ZONE 5797' - 5801' WAS ADDED DUE TO A GUN FIRING OUT OF SEQUENCE. (NOT PLANNED).

4 Plots

4.1 Wellbore Schematic

STATE OF UTAH **DEPARTMENT OF NATURAL RESOURCES** DIVISION OF OIL, GAS AND MINING

| ENTITY ACTION FOR | ł١ | ₹ | F |) | O | -(| F | J | N | ۱ | 0 | 1 | T | 3 | ď | A | 1 | η | 17 | T | ď | | ١ |
|--------------------------|----|---|---|---|---|----|---|---|---|---|---|---|---|---|---|---|---|---|----|---|---|--|---|
|--------------------------|----|---|---|---|---|----|---|---|---|---|---|---|---|---|---|---|---|---|----|---|---|--|---|

Operator:

KERR McGEE OIL & GAS ONSHORE LP

Operator Account Number: N 2995

Address:

1368 SOUTH 1200 EAST

city VERNAL

state UT zip 84078 Phone Number: (435) 781-7024

Wall 4

| API Number | Well | Name | QQ | Sec | Twp | Rng | County |
|-------------|--------------------------|----------------------|------|----------|-----|-----|----------------------------------|
| 4304737215 | BONANZA 1023-7M | | swsw | 7 | 108 | 23E | UINTAH |
| Action Code | Current Entity Number | New Entity Number | S | pud Da | te | | ity Assignment Iffective Date |
| E | 16715 | 16715 | 10 | 0/19/201 | 11 | 10 | 19/11 |

THE SUBJECT WELL WAS RECOMPLETED FROM MSVD TO WSMVD EFFECTIVE DATE 10/19/2011.

Well 2

| API Number | Well | Name | QQ | Sec | Twp | Rng | County |
|-------------|--------------------------|----------------------|-----------|---------|-------------------------------------|-----|--------|
| 4304738226 | BONANZA 1023-10F |) | SESE | 10 | 108 | 23E | UINTAH |
| Action Code | Current Entity Number | New Entity Number | Spud Date | | Entity Assignment Effective Date | | |
| F | 17061 | 17061 | 1 | 1/3/201 | 1 | // | 13/11 |

Well 3

| API Number | Well | Well Name | | | | Rng | County |
|-------------|--------------------------|----------------------|------|----------------------|-----|-----|----------------------------------|
| 4304738812 | BONANZA 1023-11L | | NWSW | 11 | 108 | 23E | UINTAH |
| Action Code | Current Entity Number | New Entity Number | S | pud Da | te | 1 | lity Assignment Ifective Date |
| E | 16987 | 16987 | 1(| 0/13/20 ⁻ | 11 | jt | 13/11 |

THE SUBJECT WELL WAS RECOMPLETED FROM MVRD TO WSMVD EFFECTIVE DATE 10/13/2011.

ACTION CODES:

- A Establish new entity for new well (single well only)
- B Add new well to existing entity (group or unit well)
- C Re-assign well from one existing entity to another existing entity
- D Re-assign well from one existing entity to a new entity
- E Other (Explain in 'comments' section)

SHEILA WOPSOCK

Signature

REGULATORY ANALYST

12/14/2011

Date

(5/2000)

RECEIVED

DEC 1 4 2011

DIV. OF OIL, GAS & MINING

| SIAIEUFUIAH | |
|---------------------------------|---|
| DEPARTMENT OF NATURAL RESOURCES | s |
| DIVISION OF OIL, GAS AND MININ | G |

| | | | ENTITY ACTION | FORM | · | | ** *********************************** | | | | | | | | |
|------------------|------------------------------|---|--------------------------|--|-----------|----------------|--|-----------------------------------|--|--|--|--|--|--|--|
|)naratar: | KERR | McGEE OIL & GAS ON | ISHORE LP | | | | | 2005 | | | | | | | |
| Operator: | | ox 173779 | TOTIONE EI | Оре | erator Ac | count Nu | ımber: _ | N 2995 | | | | | | | |
| \ddress: | - | | | - | | | | | | | | | | | |
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| i - ve no | | e see attachment with | list of Wells in the Pon | derosa Uı | nit. | | 513 | 30 12012 | | | | | | | |
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| A - Estat | olish new e | ntity for new well (single v | well only) | Ca | ra Mahle | r | | | | | | | | | |
| B - Add : | new well to | existing entity (group or a | unit well) | Nam | e (Please | Print) | | | | | | | | | |
| C - Re-a: | ssign well t ssign well t | rom one existing entity to | another existing entity | | | | | | | | | | | | |
| E - Other | r (Explain i | rom one existing entity to n 'comments' section) | RECEIVED | | ature | DV ANA | I VOT | E/04/0040 | | | | | | | |
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|-------------------------------|-----|-------------|------|------------|--------|----|------|------|------|--------------|-----|-----------|--------|-----------|-------|
| SOUTHMAN CANYON 31-3 | 31 | 090S | 230E | 4304734726 | 13717 | | 1 | GW | Р | SENW | | 1 WSMVD | P | U-33433 | N2995 |
| SOUTHMAN CANYON 31-4 | 31 | 090S | 230E | 4304734727 | 13742 | | | GW | S | SESW | | 1 WSMVD | S | UTU-33433 | N2995 |
| SOUTHMAN CYN 31-2X (RIG SKID) | 31 | 0908 | 230E | 4304734898 | 13755 | | 1 | GW | Р | NWNW | | 1 WSMVD | Р | U-33433 | N2995 |
| SOUTHMAN CYN 923-31J | 31 | 090S | 230E | 4304735149 | | | | GW | Р | NWSE | | 1 MVRD | Р | U-33433 | N2995 |
| SOUTHMAN CYN 923-31B | 31 | 0908 | 230E | 4304735150 | | | | GW | Р | NWNE | | 1 MVRD | Р | U-33433 | N2995 |
| SOUTHMAN CYN 923-31P | 31 | 0908 | 230E | 4304735288 | 14037 | | | GW | Р | SESE | | 1 WSMVD | Р | UTU-33433 | N2995 |
| SOUTHMAN CYN 923-31H | 31 | 090S | 230E | 4304735336 | 14157 | | | GW | Р | SENE | | 1 WSMVD | Р | U-33433 | N2995 |
| SOUTHMAN CYN 923-310 | 31 | 090S | 230E | 4304737205 | | | 1 | GW | Р | SWSE | | 1 MVRD | Р | UTU-33433 | N2995 |
| SOUTHMAN CYN 923-31K | 31 | 090S | 230E | 4304737206 | 16503 | | 1 | GW | Р | NESW | | 1 WSMVD | Р | UTU-33433 | N2995 |
| SOUTHMAN CYN 923-31G | 31 | 090S | 230E | 4304737208 | 16313 | | 1 | GW | Р | SWNE | | 1 WSMVD | Р | UTU-33433 | N2995 |
| SOUTHMAN CYN 923-31E | 31 | 0908 | 230E | 4304737209 | 16521 | | 1 | GW | Р | SWNW | | 1 WSMVD | Р | UTU-33433 | N2995 |
| SOUTHMAN CYN 923-31A | 31 | 090S | 230E | 4304737210 | 16472 | | 1 | GW | Р | NENE | | 1 WSMVD | Р | UTU-33433 | N2995 |
| SOUTHMAN CYN 923-31C | 31 | 090S | 230E | 4304737227 | 16522 | | 1 | GW | Р | NENW | | 1 WSMVD | Р | UTU-33433 | N2995 |
| BONANZA 1023-1G | 01 | 100S | 230E | 4304735512 | 14458 | | 1 | GW | Р | SWNE | | 1 WSMVD | Р | U-40736 | N2995 |
| BONANZA 1023-1A | 01 | 100S | 230E | 4304735717 | 14526 | | 1 | GW | Р | NENE | | 1 WSMVD | Р | U-40736 | N2995 |
| BONANZA 1023-1E | 01 | 100S | 230E | 4304735745 | 14524 | | 1 | GW | Р | SWNW | | 1 WSMVD | Р | U-40736 | N2995 |
| BONANZA 1023-1C | 01 | 100S | 230E | 4304735754 | 14684 | | 1 | GW | Р | NENW | | 1 MVRD | Р | U-40736 | N2995 |
| BONANZA 1023-1K | 01 | 100S | 230E | 4304735755 | 15403 | | 1 | GW | Р | NESW | | 1 MVRD | Р | U-38423 | N2995 |
| BONANZA 1023-1F | 01 | 100S | 230E | 4304737379 | 16872 | | 1 | GW | Р | SENW | | 1 MVRD | Р | UTU-40736 | N2995 |
| BONANZA 1023-1B | 01 | 100S | 230E | 4304737380 | 16733 | | 1 | GW | Р | NWNE | | 1 MVRD | Р | UTU-40736 | N2995 |
| BONANZA 1023-1D | 01 | 100S | 230E | 4304737381 | 16873 | | 1 | GW | Р | NWNW | | 1 MVRD | Р | UTU-40736 | N2995 |
| BONANZA 1023-1H | 01 | 100S | 230E | 4304737430 | 16901 | | 1 | GW | Р | SENE | | 1 MVRD | Р | UTU-40736 | N2995 |
| BONANZA 1023-1L | 01 | 100S | 230E | 4304738300 | 16735 | | 1 | GW | Р | NWSW | | 1 MVRD | Р | UTU-38423 | N2995 |
| BONANZA 1023-1J | 01 | 100S | 230E | 4304738302 | 16871 | | 1 | GW | Р | NWSE | | 1 MVRD | Р | UTU-40736 | N2995 |
| BONANZA 1023-1I | 01 | 100S | 230E | 4304738810 | 16750 | | 1 | GW | Р | NESE | | 1 MVRD | Р | UTU-40736 | N2995 |
| BONANZA 1023-2E | 02 | 100S | 230E | 4304735345 | 14085 | | 3 | GW | Р | SWNW | | 3 WSMVD | Р | ML-47062 | N2995 |
| BONANZA 1023-2C | 02 | 100S | 230E | 4304735346 | 14084 | | 3 | GW | Р | NENW | | 3 WSMVD | Р | ML-47062 | N2995 |
| BONANZA 1023-2A | 02 | 100S | 230E | 4304735347 | 14068 | | 3 | GW | Р | NENE | | 3 MVRD | Р | ML-47062 | N2995 |
| BONANZA 1023-2G | 02 | 100S | 230E | 4304735661 | 14291 | | 3 (| GW | Р | SWNE | | 3 WSMVD | Р | ML-47062 | N2995 |
| BONANZA 1023-20 | 02 | 100S | 230E | 4304735662 | 14289 | | 3 (| GW | Р | SWSE | | 3 WSMVD | Р | ML-47062 | N2995 |
| BONANZA 1023-2I | 02 | 100S | 230E | 4304735663 | 14290 | | 3 (| GW | S | NESE | | 3 WSMVD | S | ML-47062 | N2995 |
| BONANZA 1023-2MX | 02 | 100S | 230E | 4304736092 | 14730 | | 3 (| GW | Р | swsw | | 3 WSMVD | Р | ML-47062 | N2995 |
| BONANZA 1023-2H | 02 | 100S | 230E | 4304737093 | 16004 | | 3 (| GW | Р | SENE | | 3 WSMVD | Р | ML-47062 | N2995 |
| BONANZA 1023-2D | 02 | 100S | 230E | 4304737094 | 15460 | | 3 (| GW | Р | NWNW | | 3 WSMVD | Р | ML-47062 | N2995 |
| BONANZA 1023-2B | 02 | 100S | 230E | 4304737095 | 15783 | | 3 (| GW | Р | NWNE | | 3 MVRD | Р | ML-47062 | N2995 |
| BONANZA 1023-2P | 02 | 100S | 230E | 4304737223 | 15970 | | 3 (| GW | Р | SESE | | 3 WSMVD | Р | ML-47062 | N2995 |
| BONANZA 1023-2N | 02 | 100S | 230E | 4304737224 | 15887 | | 3 (| GW | Р | SESW | | 3 MVRD | Р | ML-47062 | N2995 |
| BONANZA 1023-2L | 02 | | 230E | 4304737225 | 15833 | | | ЭW | Р | NWSW | | 3 WSMVD | | ML-47062 | N2995 |
| BONANZA 1023-2F | 02 | | 230E | 4304737226 | 15386 | | | | Р | SENW | | 3 WSMVD | + | ML-47062 | N2995 |
| BONANZA 1023-2D-4 | 02 | | 230E | 4304738761 | 16033 | | | | Р | NWNW | - | 3 WSMVD | | ML-47062 | N2995 |
| BONANZA 1023-20-1 | 02 | 100S | 230E | 4304738762 | 16013 | | | | Р | SWSE | | 3 WSMVD | + | ML-47062 | N2995 |
| BONANZA 1023-2H3CS | 02 | | 230E | 4304750344 | 17426 | | | | Р | 1 | D | 3 MVRD | | ML 47062 | N2995 |
| BONANZA 1023-2G3BS | 02 | 100S | 230E | 4304750345 | 17428 | | | | Р | | D | 3 MVRD | ·i | ML 47062 | N2995 |
| BONANZA 1023-2G2CS | 02 | | 230E | 4304750346 | 17429 | | | | Р | | D | 3 MVRD | | ML 47062 | N2995 |
| BONANZA 1023-2G1BS | 02 | | 230E | 4304750347 | 17427 | | | | Р | | D | 3 MVRD | | ML 47062 | N2995 |

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|----------------------------|----|------|------|------------|-------|------|-----|------|---|---------|-----|-----------|-------|
| BONANZA 1023-2M1S | 02 | 100S | 230E | 4304750379 | 17443 | 3 GW | Р | SENW | D | 3 MVRD | P | ML 47062 | N2995 |
| BONANZA 1023-2L2S | 02 | 100S | 230E | 4304750380 | 17444 | 3 GW | Р | SENW | D | 3 MVRD | Р | ML 47062 | N2995 |
| BONANZA 1023-2K4S | 02 | 100S | 230E | 4304750381 | 17446 | 3 GW | Р | SENW | D | 3 MVRD | Р | ML 47062 | N2995 |
| BONANZA 1023-2K1S | 02 | 100S | 230E | 4304750382 | 17445 | 3 GW | Р | SENW | D | 3 WSMVD | Р | ML 47062 | N2995 |
| BONANZA 4-6 🚁 | 04 | 100S | 230E | 4304734751 | 13841 | 1 GW | Р | NESW | İ | 1 MNCS | Р | UTU-33433 | N2995 |
| BONANZA 1023-4A | 04 | 100S | 230E | 4304735360 | 14261 | 1 GW | Р | NENE | | 1 WSMVD | Р | U-33433 | N2995 |
| BONANZA 1023-4E | 04 | 100S | 230E | 4304735392 | 14155 | 1 GW | P | SWNW | | 1 WSMVD | Р | U-33433 | N2995 |
| BONANZA 1023-4C | 04 | 100S | 230E | 4304735437 | 14252 | 1 GW | Р | NENW | | 1 WSMVD | Р | U-33433 | N2995 |
| BONANZA 1023-4M | 04 | 100S | 230E | 4304735629 | 14930 | 1 GW | Р | SWSW | | 1 WSMVD | Р | U-33433 | N2995 |
| BONANZA 1023-40 | 04 | 100S | 230E | 4304735688 | 15111 | 1 GW | P | SWSE | | 1 WSMVD | Р | UTU-33433 | N2995 |
| BONANZA 1023-4I | 04 | 100S | 230E | 4304735689 | 14446 | 1 GW | Р | NESE | | 1 MVRD | Р | UTU-33433 | N2995 |
| BONANZA 1023-4G | 04 | 100S | 230E | 4304735746 | 14445 | 1 GW | Р | SWNE | | 1 WSMVD | Р | UTU-33433 | N2995 |
| BONANZA 1023-4D | 04 | 100S | 230E | 4304737315 | 16352 | 1 GW | Р | NWNW | | 1 WSMVD | Р | UTU-33433 | N2995 |
| BONANZA 1023-4H | 04 | 100S | 230E | 4304737317 | 16318 | 1 GW | Р | SENE | | 1 WSMVD | Р | UTU-33433 | N2995 |
| BONANZA 1023-4B | 04 | 100S | 230E | 4304737328 | 16351 | 1 GW | Р | NWNE | | 1 MVRD | Р | UTU-33433 | N2995 |
| BONANZA 1023-4L | 04 | 100S | 230E | 4304738211 | 16393 | 1 GW | Р | NWSW | | 1 MVRD | Р | UTU-33433 | N2995 |
| BONANZA 1023-4P | 04 | 100S | 230E | 4304738212 | 16442 | 1 GW | Р | SESE | | 1 WSMVD | Р | UTU-33433 | N2995 |
| BONANZA 1023-4N | 04 | 100S | 230E | 4304738303 | 16395 | 1 GW | Р | SESW | | 1 WSMVD | Р | UTU-33433 | N2995 |
| BONANZA 1023-4FX (RIGSKID) | 04 | 100S | 230E | 4304739918 | 16356 | 1 GW | Р | SENW | | 1 WSMVD | Р | UTU-33433 | N2995 |
| BONANZA 1023-50 | 05 | 100S | 230E | 4304735438 | 14297 | 1 GW | Р | SWSE | | 1 WSMVD | Р | U-33433 | N2995 |
| BONANZA 1023-5AX (RIGSKID) | 05 | 100S | 230E | 4304735809 | 14243 | 1 GW | Р | NENE | | 1 WSMVD | Р | U-33433 | N2995 |
| BONANZA 1023-5C | 05 | 100S | 230E | 4304736176 | 14729 | 1 GW | Р | NENW | | 1 WSMVD | Р | UTU-33433 | N2995 |
| BONANZA 1023-5G | 05 | 100S | 230E | 4304736177 | 14700 | 1 GW | Р | SWNE | | 1 WSMVD | Р | UTU-33433 | N2995 |
| BONANZA 1023-5M | 05 | 100S | 230E | 4304736178 | 14699 | 1 GW | Р | SWSW | | 1 WSMVD | Р | UTU-73450 | N2995 |
| BONANZA 1023-5K | 05 | 100S | 230E | 4304736741 | 15922 | 1 GW | Р | NESW | | 1 WSMVD | Р | UTU-33433 | N2995 |
| BONANZA 1023-5B | 05 | 100S | 230E | 4304737318 | 16904 | 1 GW | Р | NWNE | | 1 WSMVD | Р | UTU-33433 | N2995 |
| BONANZA 1023-5E | 05 | 100S | 230E | 4304737319 | 16824 | 1 GW | Р | SWNW | | 1 WSMVD | Р | UTU-33433 | N2995 |
| BONANZA 1023-5H | 05 | 100S | 230E | 4304737320 | 16793 | 1 GW | Р | SENE | | 1 WSMVD | Р | UTU-33433 | N2995 |
| BONANZA 1023-5N | 05 | 100S | 230E | 4304737321 | 16732 | 1 GW | Р | SESW | - | 1 WSMVD | Р | UTU-73450 | N2995 |
| BONANZA 1023-5L | 05 | 100S | 230E | 4304737322 | 16825 | 1 GW | Р | NWSW | | 1 MVRD | Р | UTU-33433 | N2995 |
| BONANZA 1023-5J | 05 | 100S | 230E | 4304737428 | 17055 | 1 GW | Р | NWSE | | 1 WSMVD | Р | UTU-33433 | N2995 |
| BONANZA 1023-5P | 05 | 100S | 230E | 4304738213 | 16795 | 1 GW | Р | SESE | | 1 MVRD | Р | UTU-33433 | N2995 |
| BONANZA 1023-5N-1 | 05 | 100S | 230E | 4304738911 | 17060 | 1 GW | Р | SESW | | 1 WSMVD | Р | UTU-73450 | N2995 |
| BONANZA 1023-5PS | 05 | 100S | 230E | 4304750169 | 17323 | 1 GW | Р | NESE | D | 1 WSMVD | Р | UTU-33433 | N2995 |
| BONANZA 1023-5G2AS | 05 | 100S | 230E | 4304750486 | 17459 | 1 GW | Р | SWNE | D | 1 MVRD | Р | UTU 33433 | N2995 |
| BONANZA 1023-5G2CS | 05 | 100S | 230E | 4304750487 | 17462 | 1 GW | Р | SWNE | D | 1 MVRD | Р | UTU 33433 | N2995 |
| BONANZA 1023-5G3BS | 05 | 100S | 230E | 4304750488 | 17461 | 1 GW | Р | SWNE | D | 1 MVRD | P | UTU 33433 | N2995 |
| BONANZA 1023-5G3CS | 05 | 100S | 230E | 4304750489 | 17460 | 1 GW | Р | SWNE | D | 1 MVRD | Р | UTU 33433 | N2995 |
| BONANZA 1023-5N4AS | 05 | 100S | 230E | 4304752080 | 18484 | 1 GW | DRL | SWSW | D | 1 WSMVD | DRL | UTU73450 | N2995 |
| BONANZA 1023-8C2DS | 05 | 100S | 230E | 4304752081 | 18507 | 1 GW | DRL | swsw | D | 1 WSMVD | DRL | UTU37355 | N2995 |
| BONANZA 6-2 | 06 | 100S | 230E | 4304734843 | 13796 | 1 GW | TA | NESW | | 1 WSMVD | TA | UTU-38419 | N2995 |
| BONANZA 1023-6C | 06 | 100S | 230E | 4304735153 | 13951 | 1 GW | Р | NENW | | 1 MVRD | Р | U-38419 | N2995 |
| BONANZA 1023-6E | 06 | 1008 | 230E | 4304735358 | 14170 | 1 GW | Р | SWNW | | 1 MVRD | Р | U-38419 | N2995 |
| BONANZA 1023-6M | 06 | 100S | 230E | 4304735359 | 14233 | 1 GW | Р | SWSW | | 1 WSMVD | Р | U-38419 | N2995 |
| BONANZA 1023-6G | 06 | 100S | 230E | 4304735439 | 14221 | 1 GW | Р | SWNE | | 1 WSMVD | Р | UTU-38419 | N2995 |
| BONANZA 1023-60 | 06 | 100S | 230E | 4304735630 | 14425 | 1 GW | TA | SWSE | | 1 WSMVD | TA | U-38419 | N2995 |

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| DOMANZA 1002 GA | 06 | 1000 | 220⊏ | 4204726067 | 14775 | 4 | C\\\ | Р | NENE | 1 | 1 WSMVD | Р | 11 22422 | N2995 |
|--------------------------------------|----|-------|------|--------------------------|----------------|---------------|----------|----|--------------|-----|---------|----|----------------------|----------------|
| BONANZA 1023-6A | 06 | 1008 | 230E | 4304736067 | 14775 | | GW | P | NENE SESW | | 1 WSMVD | P | U-33433 UTU-38419 | N2995 N2995 |
| BONANZA 1023-6N | 06 | 1008 | 230E | 4304737211 4304737212 | 15672 15673 | - | GW | P | NWSW | | 1 WSMVD | P | UTU-38419 | N2995 N2995 |
| BONANZA 1023-6L | 06 | 1008 | 230E | | 15620 | | GW | P | NWSE | 1 | 1 WSMVD | P | UTU-38419 | N2995 N2995 |
| BONANZA 1023-6J | 06 | 1008 | 230E | 4304737213 | | | <u> </u> | | | - | | | | |
| BONANZA 1023-6F | 06 | 1008 | 230E | 4304737214 | 15576 | | GW | TA | SENW | 1 | 1 WSMVD | TA | UTU-38419 | N2995 |
| BONANZA 1023-6P | 06 | 1008 | 230E | 4304737323 | 16794 | | GW | P | SESE | - | 1 WSMVD | Р | UTU-38419 | N2995 |
| BONANZA 1023-6H | 06 | 100\$ | 230E | 4304737324 | 16798 | | GW | S | SENE | - | 1 WSMVD | S | UTU-33433 | N2995 |
| BONANZA 1023-6D | 06 | 1008 | 230E | 4304737429 | 17020 | | GW | P | NWNW | - | 1 WSMVD | P | UTU-38419 | N2995 |
| BONANZA 1023-6B | 06 | 100S | 230E | 4304740398 | 18291 | | GW | P | NWNE | ļ | 1 WSMVD | Р | UTU-33433 | N2995 |
| BONANZA 1023-6M1BS | 06 | 100S | 230E | 4304750452 | 17578 | | GW | Р | NWSW | D | 1 WSMVD | Р | UTU 38419 | N2995 |
| BONANZA 1023-6N1AS | 06 | 100\$ | 230E | 4304750453 | 17581 | ii | GW | Р | NWSW | D | 1 WSMVD | Р | UTU 38419 | N2995 |
| BONANZA 1023-6N1CS | 06 | 100S | 230E | 4304750454 | 17580 | | GW | Р | NWSW | D | 1 WSMVD | Р | UTU 38419 | N2995 |
| BONANZA 1023-6N4BS | 06 | 100S | 230E | 4304750455 | 17579 | | GW | Р | NWSW | D | 1 WSMVD | Р | UTU 38419 | N2995 |
| BONANZA 1023-612S | 06 | 100S | 230E | 4304750457 | 17790 | | GW | Р | NESE | D | 1 WSMVD | Р | UTU 38419 | N2995 |
| BONANZA 1023-614S | 06 | 100S | 230E | 4304750458 | 17792 | | GW | Р | NESE | D | 1 WSMVD | Р | UTU 38419 | N2995 |
| BONANZA 1023-6J3S | 06 | 100S | 230E | 4304750459 | 17791 | 1 | GW | Р | NESE | D | 1 WSMVD | Р | UTU 38419 | N2995 |
| BONANZA 1023-6P1S | 06 | 100S | 230E | 4304750460 | 17793 | 1 | GW | Р | NESE | D | 1 WSMVD | Р | UTU 38419 | N2995 |
| BONANZA 1023-6A2CS | 06 | 100S | 230E | 4304751430 | 18292 | 1 | GW | Р | NWNE | D · | 1 WSMVD | Р | UTU33433 | N2995 |
| BONANZA 1023-6B4BS | 06 | 100S | 230E | 4304751431 | 18293 | 1 | GW | Р | NWNE | D | 1 WSMVD | Р | UTU33433 | N2995 |
| BONANZA 1023-6B4CS | 06 | 100S | 230E | 4304751432 | 18294 | 1 | GW | Р | NWNE | D | 1 WSMVD | Р | UTU33433 | N2995 |
| BONANZA 1023-6C4BS | 06 | 100S | 230E | 4304751449 | 18318 | 1 | GW | Р | NENW | D | 1 WSMVD | Р | UTU38419 | N2995 |
| BONANZA 1023-6D1DS | 06 | 1008 | 230E | 4304751451 | 18316 | | GW | Р | NENW | D | 1 WSMVD | Р | UTU38419 | N2995 |
| FLAT MESA FEDERAL 2-7 | 07 | 1008 | 230E | 4304730545 | 18244 | | GW | S | NENW | | 1 WSMVD | S | U-38420 | N2995 |
| BONANZA 1023-7B | 07 | 100S | 230E | 4304735172 | 13943 | | GW | Р | NWNE | | 1 MVRD | Р | U-38420 | N2995 |
| BONANZA 1023-7L | 07 | 100S | 230E | 4304735289 | 14054 | | GW | Р | NWSW | | 1 WSMVD | Р | U-38420 | N2995 |
| BONANZA 1023-7D | 07 | 100S | 230E | 4304735393 | 14171 | | GW | Р | NWNW | | 1 WSMVD | P | U-38420 | N2995 |
| BONANZA 1023-7P | 07 | 100S | 230E | 4304735510 | 14296 | | GW | Р | SESE | | 1 WSMVD | Р | U-38420 | N2995 |
| BONANZA 1023-7H | 07 | 100S | 230E | 4304736742 | 15921 | | GW | P | SENE | 1 | 1 WSMVD | P | UTU-38420 | N2995 |
| BONANZA 1023-7NX (RIGSKID) | 07 | 100S | 230E | 4304736932 | 15923 | | GW | P | SESW | | 1 WSMVD | P | | N2995 |
| BONANZA 1023-7M | 07 | 100S | 230E | 4304737215 | 16715 | | GW | P | SWSW | | 1 WSMVD | P | | N2995 |
| BONANZA 1023-7K | 07 | 1005 | 230E | 4304737216 | 16714 | | GW | P | NESW | | 1 WSMVD | P | UTU-38420 | N2995 |
| BONANZA 1023-7E | 07 | 1005 | 230E | 4304737217 | 16870 | | GW | P | SWNW | | 1 WSMVD | P | UTU-38420 | N2995 |
| BONANZA 1023-7G | 07 | 1005 | 230E | 4304737326 | 16765 | | GW | P | SWNE | | 1 WSMVD | P | UTU-38420 | N2995 |
| BONANZA 1023-7A | 07 | 1005 | 230E | 4304737327 | 16796 | | GW | P | NENE | | 1 WSMVD | P | UTU-38420 | N2995 |
| BONANZA 1023-7A | 07 | 1005 | 230E | 4304738304 | 16713 | | GW | P | SWSE | | 1 MVRD | P | UTU-38420 | N2995 |
| BONANZA 1023-70 BONANZA 1023-7B-3 | 07 | 1003 | 230E | 4304738912 | 17016 | | GW | P | NWNE | | 1 WSMVD | P | UTU-38420 | N2995 |
| | | 100S | 230E | | | | GW | Р | NWSE | - | 1 WSMVD | P | | N2995 |
| BONANZA 1023-07JT | 07 | | | 4304739390 | 16869 17494 | | GW | P | | D | | P | | N2995 |
| BONANZA 1023-7J2AS | 07 | 100S | 230E | 4304750474 | - | | | | | + + | | | | |
| BONANZA 1023-7J2DS | 07 | 100\$ | 230E | 4304750475 | 17495 | - | GW | P | | D | 1 WSMVD | Р | | N2995 |
| BONANZA 1023-7L3DS | 07 | 1008 | 230E | 4304750476 | 17939 | | GW | Р | | D | 1 WSMVD | P | | N2995 |
| BONANZA 1023-7M2AS | 07 | 1008 | 230E | 4304750477 | 17942 | | GW | P | · i | D | 1 WSMVD | Р | | N2995 |
| BONANZA 1023-7N2AS | 07 | 100S | 230E | 4304750478 | 17940 | | GW | Р | | D | 1 WSMVD | P | | N2995 |
| BONANZA 1023-7N2DS | 07 | 100S | 230E | 4304750479 | 17941 | | | P | NWSW | D | 1 WSMVD | P | | N2995 |
| BONANZA 1023-704S | 07 | 100S | 230E | 4304750480 | 17918 | | GW | P | SESE | D | 1 WSMVD | Р | | N2995 |
| BONANZA 1023-7P2S | 07 | 100S | 230E | 4304750482 | 17919 | | | Р | SESE | D | 1 WSMVD | Р | | N2995 |
| BONANZA 8-2 | 08 | 100S | 230E | 4304734087 | 13851 | 1 (| GW | Р | SESE | | 1 MVRD | Р | U-37355 | N2995 |

| BONANZA 8-3 | 08 | 100S | 230E | 4304734770 | 13843 | 1 GW | Р | NWNW | | 1 MVRD | Р | U-37355 | N2995 |
|--------------------------|----|-------|------|------------|-------|------|---|------|---|---------|-----|--|-------|
| BONANZA 1023-8A | 08 | 100S | 230E | 4304735718 | 14932 | 1 GW | Р | NENE | | 1 WSMVD | Р | UTU-37355 | N2995 |
| BONANZA 1023-8L | 08 | 100S | 230E | 4304735719 | 14876 | 1 GW | Р | NWSW | | 1 WSMVD | Р | UTU-37355 | N2995 |
| BONANZA 1023-8N | 08 | 100S | 230E | 4304735720 | 15104 | 1 GW | Р | SESW | Ì | 1 WSMVD | Р | UTU-37355 | N2995 |
| BONANZA 1023-8F | 08 | 100S | 230E | 4304735989 | 14877 | 1 GW | S | SENW | | 1 WSMVD | s | UTU-37355 | N2995 |
| BONANZA 1023-8I | 08 | 100S | 230E | 4304738215 | 16358 | 1 GW | Р | NESE | | 1 WSMVD | Р | UTU-37355 | N2995 |
| BONANZA 1023-8K | 08 | 100S | 230E | 4304738216 | 16354 | 1 GW | Р | NESW | | 1 WSMVD | Р | | N2995 |
| BONANZA 1023-8M | 08 | 1008 | 230E | 4304738217 | 16564 | 1 GW | Р | swsw | 1 | 1 MVRD | Р | | N2995 |
| BONANZA 1023-8G | 08 | 100S | 230E | 4304738218 | 16903 | 1 GW | Р | SWNE | | 1 WSMVD | Р | UTU-37355 | N2995 |
| BONANZA 1023-8E | 08 | 100S | 230E | 4304738219 | 16397 | 1 GW | Р | SWNW | | 1 WSMVD | Р | UTU-37355 | N2995 |
| BONANZA 1023-8C | 08 | 100S | 230E | 4304738220 | 16355 | 1 GW | Р | NENW | | 1 WSMVD | Р | | N2995 |
| BONANZA 1023-8B | 08 | 100S | 230E | 4304738221 | 16292 | 1 GW | Р | NWNE | + | 1 WSMVD | Р | | N2995 |
| BONANZA 1023-8H | 08 | 100S | 230E | 4304738222 | 16353 | 1 GW | P | SENE | - | 1 WSMVD | P | UTU-37355 | N2995 |
| BONANZA 1023-80 | 08 | 100S | 230E | 4304738305 | 16392 | 1 GW | Р | SWSE | | 1 WSMVD | Р | UTU-37355 | N2995 |
| BONANZA 1023-8B-4 | 08 | 100S | 230E | 4304738914 | 17019 | 1 GW | P | NWNE | | 1 WSMVD | Р | | N2995 |
| BONANZA 1023-8A1DS | 08 | 100S | 230E | 4304750481 | 17518 | 1 GW | P | NENE | D | 1 WSMVD | P | | N2995 |
| BONANZA 1023-8A4BS | 08 | 100S | 230E | 4304750483 | 17519 | 1 GW | P | NENE | D | 1 WSMVD | P | | N2995 |
| BONANZA 1023-8B1AS | 08 | 100S | 230E | 4304750484 | 17520 | 1 GW | P | NENE | D | 1 WSMVD | Р | | N2995 |
| BONANZA 1023-8B2AS | 08 | 1008 | 230E | 4304750485 | 17521 | 1 GW | P | NENE | D | 1 WSMVD | Р | UTU 37355 | N2995 |
| BONANZA 1023-802S | 08 | 1005 | 230E | 4304750495 | 17511 | 1 GW | P | NWSE | D | 1 WSMVD | P | UTU 37355 | N2995 |
| BONANZA 1023-8J1S | 08 | 100S | 230E | 4304750496 | 17509 | 1 GW | P | NWSE | D | 1 WSMVD | Р | UTU 37355 | N2995 |
| BONANZA 1023-803S | 08 | 100S | 230E | 4304750497 | 17512 | 1 GW | P | NWSE | D | 1 WSMVD | P | UTU 37355 | N2995 |
| BONANZA 1023-8J3 | 08 | 100S | 230E | 4304750498 | 17510 | 1 GW | Р | NWSE | - | 1 WSMVD | P | UTU 37355 | N2995 |
| BONANZA 1023-8C4CS | 08 | 100S | 230E | 4304750499 | 17544 | 1 GW | P | NENW | D | 1 WSMVD | P | UTU 37355 | N2995 |
| BONANZA 1023-8D2DS | 08 | 100S | 230E | 4304750500 | 17546 | 1 GW | P | NENW | D | 1 WSMVD | P | UTU 37355 | N2995 |
| BONANZA 1023-8D3DS | 08 | 100S | 230E | 4304750501 | 17545 | 1 GW | P | NENW | D | 1 WSMVD | P | UTU 37355 | N2995 |
| BONANZA 1023-8F3DS | 08 | 100S | 230E | 4304750502 | 17543 | 1 GW | Р | NENW | D | 1 WSMVD | Р | UTU 37355 | N2995 |
| BONANZA 1023-8A4CS | 08 | 100S | 230E | 4304751131 | 18169 | 1 GW | Р | NWNE | D | 1 WSMVD | P | UTU 37355 | N2995 |
| BONANZA 1023-8B3BS | 08 | 100S | 230E | 4304751132 | 18167 | 1 GW | P | NWNE | D | 1 WSMVD | P | UTU 37355 | N2995 |
| BONANZA 1023-8C1AS | 08 | 100S | 230E | 4304751133 | 18166 | 1 GW | Р | NWNE | D | 1 WSMVD | Р | UTU 37355 | N2995 |
| BONANZA 1023-8G3AS | 08 | 1005 | 230E | 4304751134 | 18168 | 1 GW | P | NWNE | D | 1 WSMVD | Р | UTU 37355 | N2995 |
| BONANZA 1023-8E2AS | 08 | 100S | 230E | 4304751135 | 18227 | 1 GW | Р | SENW | D | 1 WSMVD | Р | UTU 37355 | N2995 |
| BONANZA 1023-8F3BS | 08 | 100S | 230E | 4304751136 | 18227 | 1 GW | P | SENW | D | 1 WSMVD | Р | UTU 37355 | N2995 |
| BONANZA 1023-8F4AS | 08 | 100S | 230E | 4304751137 | 18224 | 1 GW | Р | | D | 1 WSMVD | Р | UTU 37355 | N2995 |
| BONANZA 1023-8F4DS | 08 | 100S | 230E | 4304751138 | 18225 | 1 GW | Р | SENW | D | 1 WSMVD | Р | | N2995 |
| BONANZA 1023-8J2CS | 08 | 100S | 230E | 4304751139 | 18226 | 1 GW | Р | SENW | D | 1 WSMVD | Р | | N2995 |
| BONANZA 1023-8G4DS | 08 | 1005 | 230E | 4304751140 | 18144 | 1 GW | P | NESE | D | 1 WSMVD | P | | N2995 |
| BONANZA 1023-8H2DS | 08 | | 230E | 4304751141 | 18142 | | P | NESE | D | 1 WSMVD | 1 - | UTU 37355 | |
| BONANZA 1023-8H3DS | 08 | | 230E | 4304751142 | 18143 | 1 GW | P | NESE | D | 1 WSMVD | Р | | N2995 |
| BONANZA 1023-8H4DS | 08 | 100S | 230E | 4304751143 | 18141 | 1 GW | P | NESE | D | 1 WSMVD | Р | NAME OF THE OWNER OWNER O | N2995 |
| BONANZA 1023-814BS | 08 | | 230E | 4304751144 | 18155 | 1 GW | P | NESE | D | 1 WSMVD | P | | N2995 |
| BONANZA 1023-8J4BS | 08 | 1005 | 230E | 4304751145 | 18154 | 1 GW | P | NESE | D | 1 WSMVD | P | | N2995 |
| BONANZA 1023-891AS | 08 | 1005 | 230E | 4304751146 | 18156 | 1 GW | P | NESE | D | 1 WSMVD | P | | N2995 |
| BONANZA 1023-8P2BS | 08 | 1 | 230E | 4304751147 | 18153 | 1 GW | P | NESE | D | 1 WSMVD | P | | N2995 |
| BONANZA 1023-8P4AS | 08 | | 230E | 4304751148 | 18157 | 1 GW | P | NESE | D | 1 WSMVD | P | | N2995 |
| BONANZA 1023-8E2DS | 08 | | 230E | 4304751149 | 18201 | 1 GW | P | | D | 1 WSMVD | P | UTU 37355 | |
| 55.44 (14E) 1 10E0-0EED0 | | , 555 | | | | | | | | | ; • | 0.000 | |

| | | | 1 | | | | | 1_ | 1 | T | T | 1 | | 1.10 |
|--------------------------|----|-------------|------|------------|-------|-----|---|----|------|----------|---------|----------|-----------|-------|
| BONANZA 1023-8E3DS | 80 | 100S | 230E | 4304751150 | 18200 | 1 0 | | Р | NWSW | D | 1 WSMVD | Р | UTU 37355 | N2995 |
| BONANZA 1023-8K1CS | 80 | 100S | 230E | 4304751151 | 18199 | 1 0 | | Р | NWSW | D | 1 WSMVD | Р | UTU 37355 | N2995 |
| BONANZA 1023-8K4CS | 08 | 100S | 230E | 4304751152 | 18198 | 1 0 | | Р | NWSW | D | 1 WSMVD | Р | UTU 37355 | N2995 |
| BONANZA 1023-8L3DS | 80 | 100S | 230E | 4304751153 | 18197 | 1 0 | | Р | NWSW | D | 1 WSMVD | Р | UTU 37355 | N2995 |
| BONANZA 1023-8M2AS | 80 | 100S | 230E | 4304751154 | 18217 | 1 0 | | Р | swsw | D | 1 WSMVD | Р | UTU 37355 | N2995 |
| BONANZA 1023-8M2DS | 80 | 100S | 230E | 4304751155 | 18216 | 1 0 | | Р | SWSW | D | 1 WSMVD | Р | UTU 37355 | N2995 |
| BONANZA 1023-8N2BS | 80 | 100S | 230E | 4304751156 | 18218 | 1 0 | | Р | SWSW | D | 1 WSMVD | Р | UTU 37355 | N2995 |
| BONANZA 1023-803CS | 80 | 100S | 230E | 4304751157 | 18254 | 1 0 | | Р | SWSE | D | 1 WSMVD | Р | UTU 37355 | N2995 |
| BONANZA 1023-8N3DS | 80 | 100S | 230E | 4304751158 | 18215 | | W | Р | SWSW | D | 1 WSMVD | Р | UTU 37355 | N2995 |
| BONANZA 1023-804AS | 08 | 100S | 230E | 4304751159 | 18252 | 1 G | | Р | SWSE | D | 1 WSMVD | Р | UTU 37355 | N2995 |
| BONANZA 1023-8P2CS | 08 | 100S | 230E | 4304751160 | 18251 | 1 G | | Р | SWSE | D | 1 WSMVD | Р | UTU 37355 | N2995 |
| BONANZA 1023-8P3CS | 08 | 100S | 230E | 4304751161 | 18253 | 1 G | | Р | SWSE | D | 1 WSMVD | Р | UTU 37355 | N2995 |
| CANYON FEDERAL 2-9 | 09 | 100S | 230E | 4304731504 | 1468 | 1 G | | Р | NENW | 1 | 1 MVRD | Р | U-37355 | N2995 |
| SOUTHMAN CANYON 9-3-M | 09 | 100S | 230E | 4304732540 | 11767 | 1 G | | S | SWSW | | 1 MVRD | S | UTU-37355 | N2995 |
| SOUTHMAN CANYON 9-4-J | 09 | 100S | 230E | 4304732541 | 11685 | 1 G | | S | NWSE | | 1 MVRD | S | UTU-37355 | N2995 |
| BONANZA 9-6 | 09 | 100S | 230E | 4304734771 | 13852 | 1 G | | P | NWNE | | 1 MVRD | Р | U-37355 | N2995 |
| BONANZA 9-5 | 09 | 100S | 230E | 4304734866 | 13892 | 1 G | W | Р | SESW | | 1 MVRD | Р | U-37355 | N2995 |
| BONANZA 1023-9E | 09 | 100S | 230E | 4304735620 | 14931 | 1 G | | Р | SWNW | | 1 WSMVD | Р | U-37355 | N2995 |
| BONANZA 1023-9I | 09 | 100S | 230E | 4304738223 | 16766 | 1 G | W | Р | NESE | | 1 WSMVD | Р | UTU-37355 | N2995 |
| BONANZA 1023-9D | 09 | 100S | 230E | 4304738306 | 16398 | 1 G | W | Р | NWNW | | 1 WSMVD | Р | UTU-37355 | N2995 |
| BONANZA 1023-9J | 09 | 100S | 230E | 4304738811 | 16989 | 1 G | | Р | NWSE | | 1 WSMVD | Р | UTU-37355 | N2995 |
| BONANZA 1023-9B3BS | 09 | 100S | 230E | 4304750503 | 17965 | 1 G | W | Р | SENE | D | 1 WSMVD | Р | UTU 37355 | N2995 |
| BONANZA 1023-9B3CS | 09 | 100S | 230E | 4304750504 | 17968 | 1 G | W | Р | SENE | D | 1 WSMVD | Р | UTU 37355 | N2995 |
| BONANZA 1023-9H2BS | 09 | 100S | 230E | 4304750505 | 17966 | 1 G | W | Р | SENE | D | 1 WSMVD | Р | UTU 37355 | N2995 |
| BONANZA 1023-9H2CS | 09 | 100S | 230E | 4304750506 | 17967 | 1 G | W | Р | SENE | D | 1 WSMVD | Р | UTU 37355 | N2995 |
| BONANZA 10-2 | 10 | 100S | 230E | 4304734704 | 13782 | 1 G | W | Р | NWNW | | 1 MVRD | Р | U-72028 | N2995 |
| BONANZA 1023-10L | 10 | 100S | 230E | 4304735660 | 15164 | 1 G | W | Р | NWSW | | 1 WSMVD | Р | U-38261 | N2995 |
| BONANZA 1023-10E | 10 | 100S | 230E | 4304738224 | 16501 | 1 G | W | Р | SWNW | | 1 MVRD | Р | UTU-72028 | N2995 |
| BONANZA 1023-10C | 10 | 100S | 230E | 4304738228 | 16500 | 1 G | W | Р | NENW | | 1 MVRD | Р | UTU-72028 | N2995 |
| BONANZA 1023-10C-4 | 10 | 100S | 230E | 4304738915 | 17015 | 1 G | W | Р | NENW | | 1 MVRD | Р | UTU-72028 | N2995 |
| BONANZA 11-2 🛠 | 11 | 100S | 230E | 4304734773 | 13768 | 1 G | W | Р | SWNW | | 1 MVMCS | Р | UTU-38425 | N2995 |
| BONANZA 1023-11K | 11 | 100S | 230E | 4304735631 | 15132 | 1 G | W | Р | NESW | | 1 WSMVD | Р | UTU-38425 | N2995 |
| BONANZA 1023-11B | 11 | 100S | 230E | 4304738230 | 16764 | 1 G | W | Р | NWNE | | 1 MVRD | Р | UTU-38425 | N2995 |
| BONANZA 1023-11F | 11 | 100S | 230E | 4304738232 | 16797 | 1 G | W | Р | SENW | | 1 MVRD | Р | UTU-38425 | N2995 |
| BONANZA 1023-11D | 11 | 100S | 230E | 4304738233 | 16711 | 1 G | W | Р | NWNW | | 1 MVRD | Р | UTU-38425 | N2995 |
| BONANZA 1023-11G | 11 | 100S | 230E | 4304738235 | 16826 | 1 G | W | Р | SWNE | | 1 MVRD | Р | UTU-38425 | N2995 |
| BONANZA 1023-11C | 11 | 100S | 230E | 4304738309 | 16736 | 1 G | W | Р | NENW | | 1 MVRD | Р | UTU-38425 | N2995 |
| BONANZA 1023-11J | 11 | 100S | 230E | 4304738310 | 16839 | 1 G | W | Р | NWSE | | 1 WSMVD | Р | UTU-38424 | N2995 |
| BONANZA 1023-11N | 11 | 100S | 230E | 4304738311 | 16646 | 1 G | W | Р | SESW | | 1 MVRD | Р | UTU-38424 | N2995 |
| BONANZA 1023-11M | 11 | 100S | 230E | 4304738312 | 16687 | 1 G | | Р | SWSW | | 1 MVRD | Р | UTU-38424 | N2995 |
| BONANZA 1023-11L | 11 | 100S | 230E | 4304738812 | 16987 | 1 G | W | Р | NWSW | | 1 WSMVD | Р | UTU-38424 | N2995 |
| NSO FEDERAL 1-12 | 12 | 100S | 230E | 4304730560 | 1480 | 1 G | | Р | NENW | | 1 MVRD | Р | | N2995 |
| WHITE RIVER 1-14 | 14 | 100S | 230E | 4304730481 | 1500 | 1 G | | S | NENW | | 1 MVRD | S | U-38427 | N2995 |
| BONANZA 1023-14D | 14 | 100S | 230E | 4304737030 | 16799 | 1 G | | P | NWNW | | 1 MVRD | Р | | N2995 |
| BONANZA 1023-14C | 14 | | 230E | 4304738299 | 16623 | 1 G | | P | NENW | | | P | | N2995 |
| BONANZA FEDERAL 3-15 | 15 | 1008 | 230E | 4304731278 | 8406 | 1 G | _ | Р | NENW | | | P | U-38428 | N2995 |
| DOIVAIVEAT EDETIVIE 0-10 | | 1.550 | | | | | | • | 1 | <u> </u> | | <u> </u> | , | |

* not moved into unit

| BONANZA 1023-15H | 15 | 100S | 230E | 4304738316 | 16688 | | 1 GW | Р | SENE | | 1 MVRD | Р | UTU-38427 | N2995 |
|-----------------------------|----|------|------|------------|-------|-----|------|-----|------|---|---------|-----|------------|-------|
| BONANZA 1023-15J | 15 | 100S | 230E | 4304738817 | 16988 | , | 1 GW | Р | NWSE | | 1 MVRD | Р | UTU-38427 | N2995 |
| BONANZA 1023-15H4CS | 15 | 100S | 230E | 4304750741 | 17492 | | 1 GW | Р | NESE | D | 1 MVRD | Р | UTU 38427 | N2995 |
| BONANZA 1023-15I2AS | 15 | 100S | 230E | 4304750742 | 17493 | | 1 GW | Р | NESE | D | 1 WSMVD | Р | UTU 38427 | N2995 |
| BONANZA 1023-15I4BS | 15 | 100S | 230E | 4304750743 | 17490 | | 1 GW | Р | NESE | D | 1 WSMVD | Р | UTU 38427 | N2995 |
| BONANZA 1023-15P1BS | 15 | 100S | 230E | 4304750744 | 17491 | | I GW | Р | NESE | D | 1 WSMVD | Р | UTU 38427 | N2995 |
| LOOKOUT POINT STATE 1-16 | 16 | 100S | 230E | 4304730544 | 1495 | 3 | GW | Р | NESE | | 3 WSMVD | Р | ML-22186-A | N2995 |
| BONANZA 1023-16J | 16 | 100S | 230E | 4304737092 | 15987 | | GW | OPS | NWSE | | 3 WSMVD | OPS | ML-22186-A | N2995 |
| BONANZA 1023-17B | 17 | 100S | 230E | 4304735747 | 15165 | | I GW | Р | NWNE | | 1 WSMVD | Р | UTU-37355 | N2995 |
| BONANZA 1023-17C | 17 | 100S | 230E | 4304738237 | 16585 | | I GW | Р | NENW | | 1 WSMVD | Р | UTU-37355 | N2995 |
| BONANZA 1023-17D3S | 17 | 100S | 230E | 4304750511 | 17943 | | GW | Р | NENW | D | 1 WSMVD | Р | UTU 37355 | N2995 |
| BONANZA 1023-17E2S | 17 | 100S | 230E | 4304750512 | 17944 | | GW | Р | NENW | D | 1 WSMVD | Р | UTU 37355 | N2995 |
| BONANZA 1023-17E3AS | 17 | 100S | 230E | 4304750513 | 17945 | 1 | GW | Р | NENW | D | 1 WSMVD | Р | UTU 37355 | N2995 |
| BONANZA 1023-17E3CS | 17 | 100S | 230E | 4304750514 | 17946 | 1 | GW | Р | NENW | D | 1 WSMVD | Р | UTU 37355 | N2995 |
| BONANZA 1023-18G | 18 | 100S | 230E | 4304735621 | 14410 | • | GW | Р | SWNE | | 1 WSMVD | Р | U-38241 | N2995 |
| BONANZA 1023-18B | 18 | 100S | 230E | 4304735721 | 14395 | | GW | Р | NWNE | | 1 WSMVD | Р | U-38421 | N2995 |
| BONANZA 1023-18DX (RIGSKID) | 18 | 100S | 230E | 4304736218 | 14668 | 1 | GW | Р | NWNW | | 1 WSMVD | Р | U-38241 | N2995 |
| BONANZA 1023-18A | 18 | 100S | 230E | 4304738243 | 16625 | 1 | GW | Р | NENE | | 1 WSMVD | Р | UTU-38421 | N2995 |
| BONANZA 1023-18F | 18 | 100S | 230E | 4304738244 | 16624 | 1 | GW | Р | SENW | | 1 WSMVD | Р | UTU-38421 | N2995 |
| BONANZA 1023-18E | 18 | 100S | 230E | 4304738245 | 16645 | 1 | GW | Р | SWNW | | 1 MVRD | Р | UTU-38421 | N2995 |
| BONANZA 1023-18C | 18 | 100S | 230E | 4304738246 | 16734 | 1 | GW | Р | NENW | | 1 MVRD | Р | UTU-38421 | N2995 |
| BONANZA 1023-18G-1 | 18 | 100S | 230E | 4304738916 | 17135 | 1 | GW | Р | SWNE | | 1 WSMVD | Р | UTU-38421 | N2995 |
| BONANZA 1023-18D3AS | 18 | 100S | 230E | 4304750448 | 17498 | . 1 | GW | Р | SWNW | D | 1 WSMVD | Р | UTU 38421 | N2995 |
| BONANZA 1023-18D3DS | 18 | 100S | 230E | 4304750449 | 17499 | 1 | GW | Р | SWNW | D | 1 WSMVD | Р | UTU 38421 | N2995 |
| BONANZA 1023-18E2DS | 18 | 100S | 230E | 4304750450 | 17497 | 1 | GW | Р | SWNW | D | 1 WSMVD | P | UTU 38421 | N2995 |
| BONANZA 1023-18E3AS | 18 | 100S | 230E | 4304750451 | 17496 | 1 | GW | Р | SENW | D | 1 WSMVD | Р | UTU 38421 | N2995 |
| BONANZA 1023-18L2S | 18 | 100S | 230E | 4304750520 | 18111 | | GW | P | SWNW | D | 1 WSMVD | Р | UTU 38421 | N2995 |
| BONANZA 1023-18L3S | 18 | 100S | 230E | 4304750521 | 18110 | 1 | GW | P | SWNW | D | 1 WSMVD | Р | UTU 38421 | N2995 |
| BONANZA 1023-18K3AS | 18 | 100S | 230E | 4304751061 | 18112 | 1 | GW | Р | SWNW | D | 1 WSMVD | Р | UTU 38421 | N2995 |
| BONANZA 1023-18K3BS | 18 | 100S | 230E | 4304751063 | 18113 | 1 | GW | Р | SWNW | D | 1 WSMVD | Р | UTU 38421 | N2995 |
| BONANZA 1023-18M2AS | 18 | 100S | 230E | 4304751064 | 18117 | 1 | GW | Р | SWNW | D | 1 WSMVD | Р | UTU 38421 | N2995 |
| BONANZA 1023-18M2DS | 18 | 100S | 230E | 4304751065 | 18116 | 1 | GW | Р | SWNW | D | 1 WSMVD | Р | UTU 38421 | N2995 |
| BONANZA 1023-18N2AS | 18 | 100S | 230E | 4304751066 | 18114 | | GW | Р | SWNW | D | 1 WSMVD | Р | UTU 38421 | N2995 |
| BONANZA 1023-18N2DS | 18 | 100S | 230E | 4304751067 | 18115 | 1 | GW | Р | SWNW | D | 1 WSMVD | P | UTU 38421 | N2995 |
| BONANZA 1023-10F | 10 | 100S | 230E | 4304738225 | 16565 | | GW | Р | SENW | | MVRD | Ρ | UTU 72028 | N2995 |
| BONANZA 1023-6D1AS | 6 | 100S | 230E | 4304751450 | 18320 | | GW | Р | NENW | D | WSMVD | Р | UTU 38419 | N2995 |
| BONANZA 1023-6C1CS | 6 | 100S | 230E | 4304751448 | 18319 | | GW | | NENW | D | | | UTU 38419 | N2995 |
| BONANZA 1023-6D3AS | 6 | 100S | 230E | 4304751452 | 18317 | | GW | Р | NENW | D | WSMVD | Р | UTU 38419 | N2995 |

Sundry Number: 41146 API Well Number: 43047372150000 FEDERAL APPROVAL OF THIS ACTION IS NECESSARY

| | STATE OF UTAH | | FORM 9 |
|--|---|---|--|
| ı | DEPARTMENT OF NATURAL RESOURCE DIVISION OF OIL, GAS, AND MIN | = | 5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-38420 |
| SUNDR | Y NOTICES AND REPORTS | ON WELLS | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: |
| Do not use this form for procurrent bottom-hole depth, IFOR PERMIT TO DRILL form | posals to drill new wells, significantly reenter plugged wells, or to drill horizo n for such proposals. | deepen existing wells below ntal laterals. Use APPLICATION | 7.UNIT or CA AGREEMENT NAME: PONDEROSA |
| 1. TYPE OF WELL Gas Well | | | 8. WELL NAME and NUMBER: BONANZA 1023-7M |
| 2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ON | ISHORE, L.P. | | 9. API NUMBER: 43047372150000 |
| 3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th | n Street, Suite 600, Denver, CO, 80217 | PHONE NUMBER: 7 3779 720 929-6 | 9. FIELD and POOL or WILDCAT: 5NATURAL BUTTES |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 1082 FSL 0439 FWL | | | COUNTY: UINTAH |
| QTR/QTR, SECTION, TOWNSH | HP, RANGE, MERIDIAN: 07 Township: 10.0S Range: 23.0E Merio | dian: S | STATE: UTAH |
| 11. CHECI | K APPROPRIATE BOXES TO INDICAT | TE NATURE OF NOTICE, REPOR | RT, OR OTHER DATA |
| TYPE OF SUBMISSION | | | |
| | ACIDIZE | ALTER CASING | CASING REPAIR |
| NOTICE OF INTENT Approximate date work will start: | CHANGE TO PREVIOUS PLANS | CHANGE WELL NAME | |
| 8/8/2013 | CHANGE WELL STATUS | CONVERT WELL TYPE | |
| SUBSEQUENT REPORT | DEEPEN | FRACTURE TREAT | NEW CONSTRUCTION |
| Date of Work Completion: | OPERATOR CHANGE | PLUG AND ABANDON | PLUG BACK |
| | PRODUCTION START OR RESUME | RECLAMATION OF WELL SITE | RECOMPLETE DIFFERENT FORMATION |
| SPUD REPORT Date of Spud: | | | <u> </u> |
| Date of Spud. | REPERFORATE CURRENT FORMATION | SIDETRACK TO REPAIR WELL | ▼ TEMPORARY ABANDON |
| | L TUBING REPAIR | ☐ VENT OR FLARE | ☐ WATER DISPOSAL |
| DRILLING REPORT Report Date: | WATER SHUTOFF | SI TA STATUS EXTENSION | APD EXTENSION |
| | WILDCAT WELL DETERMINATION | OTHER | OTHER: |
| The operator reques the subject well to the referenced wel | completed operations. Clearly show a sts authorization to Tempora accommodate recompletion Il location. Please see the att Lease UTU-38420, this is a Thank you. | arily Abandon or Shut-In n drilling operations for tached procedure. This | Accepted by the Utah Division of Oil, Gas and Mining Date: August 09, 2013 By: Day K. Durf |
| NAME (PLEASE PRINT) Matthew P Wold | PHONE NUMB | ER TITLE Regulatory Analyst I | |
| SIGNATURE | 720 929-6993 | DATE | |
| N/A | | 8/8/2013 | |

Well Name: <u>BONANZA 1023-7M</u> 8/8/13

Surface Location: SWSW LOT 4, Sec. 7, T10, R23E

Uintah County, UT

Recommended action for disposition of well bore:

This well will be temporarily abandoned to accommodate drilling operations in one of 2 ways. We will either plug the wellbore as outlined in the attached procedure or Shut-In in the following manner: a) Set a tubing plug near EOT, install a flange over the tbg hanger, removal of master valve, set VR plugs in casing head at surface, and removal of casing wing valves, replaced with blind flanges.

API: 4304737215 **LEASE#:** UTU-38420

ELEVATIONS: 5277' GL 5295' KB

TOTAL DEPTH: 8360' **PBTD:** 8312'

SURFACE CASING: 9 5/8" 36# J-55 @ 2130'

INTERMEDIATE CASING: 7" 23# J-55 @ 2550'

PRODUCTION CASING: 4 1/2" 11.6# I-80 @ 8360'

TOC @ ~490' per CBL

PRODUCTION TUBING: 2 3/8" 4.7 J-55 @ 7774', per REC rpt 10/18/11

PERFORATIONS: WASATCH 5514' - 6048'

MESAVERDE 6462' - 8262'

| Tubular/Borehole | Drift | Collapse | Burst psi | Capacities | | | | | |
|-------------------------|----------|----------|-----------|------------|---------|---------|----------|--------|--|
| | inches | psi | | Gal./ft. | CufVft. | | Bbl./ft. | | |
| 2.375" 4.7# J-55 tbg. | 1.901 | 8100 | 7700 | 0.1624 | | 0.02171 | 0.00387 | | |
| 4.5" 11.6# I-80 | 3.875 | 6350 | 7780 | 0.6528 | | 0.0872 | | 0.0872 | |
| 7" 23# J-55 | 6.151 | 3270 | 4360 | 1.6535 | | 0.221 | 0.0393 | | |
| 9.625" 36# K-55 | 8.921 | 2020 | 3520 | 3.247 | | 0.434 | 0.0773 | | |
| Annular Capacities | | | | | | | | | |
| 2.375" tbg. X 4 1/2" 11 | .6# csg | | | 0.4227 | 0.0565 | | 0.01 | | |
| 4.5" csg X 6.25 boreh | nole | | | 0.7686 | 0.1026 | | 0.0183 | | |
| 4.5" csg X 7" 23# csg | | | | 0.8274 | 0.1106 | | 0.0197 | | |
| 7" csg X 8.75" boreho | ole | | | 1.1243 | 0.1503 | | 0.0268 | | |
| 7" csg X 9.625" 36# c | sg | | | 1.2478 | 0.1668 | | 0.0297 | | |
| 9.625" csg X 12 1/4" | borehole | | | 2.3428 | 0.3132 | | 0.0558 | | |

GEOLOGICAL TOPS:

4102' Wasatch 6189' Mesaverde

RECEIVED: Aug. 08, 2013

BONANZA 1023-7M TEMPORARY ABANDONMENT PROCEDURE

GENERAL

- H2S MAY BE PRESENT. CHECK FOR H2S AND TAKE APPROPRIATE PRECAUTIONS.
- CEMENT QUANTITIES BELOW ASSUME NEAT CLASS G, YIELD 1.145 CUFT./SX. IF A DIFFERENT PRODUCT IS USED, WELLSITE PERSONNEL ARE RESONSIBLE FOR CORRECTING QUANTITIES TO YIELD THE STATED SLURRY VOLUME. WHEN SQUEEZING, INCLUDE 10% EXCESS PER 1000' OF DEPTH.
- TREATED FRESH WATER WILL BE PLACED BETWEEN ALL PLUGS INSTEAD OF BRINE.
- ALL DISPLACEMENT FLUID SHALL CONTAIN CORROSION INHIBITOR AND BIOCIDE. PREMIX 5 GALLONS PER 100 BBLS FLUID.
- NOTIFY BLM/UDOGM 24 HOURS BEFORE MOVING ON LOCATION.

PROCEDURE

Note: An estimated 24 sx of cement needed to perform procedure.

Note: No gyro ran previously.

- MIRU. KILL WELL AS NEEDED (TO INCLUDE SURFACE CSG PRESSURE). ND WH, NU AND TEST BOPE.
- POOH W/ TBG & L/D SAME. RU WIRELINE AND MAKE A GAUGE RING RUN TO ENSURE WELLBORE IS CLEAN.
- 3. RUN GYRO SURVEY.
- 4. PLUG #1, ISOLATE WAS/MV PERFORATIONS (5514' 8262'): RIH W/ 4 ½" CBP. SET @ ~5500'. RELEASE CBP, PUH 10', BRK CIRC W/ FRESH WATER. PRESSURE TEST CASING TO 500 PSI. INFORM ENGINEERING IF IT DOESN'T TEST. DISPLACE A MINIMUM OF 8 SX/ 1.6 BBL/ 8.7 CUFT. ON TOP OF PLUG. PUH ABOVE TOC (~5400'). REVERSE CIRCULATE W/ TREATED FRESH WATER (~19 BBLS).
- 5. PLUG #2, PROTECT TOP OF WASATCH (4102'): PUH TO ~4210'. BRK CIRC W/ FRESH WATER. DISPLACE A MINIMUM OF 16 SX / 3.3 BBL / 18.3 CUFT AND BALANCE PLUG W/ TOC @ ~3900' (~210' COVERAGE). PUH ABOVE TOC. REVERSE CIRCULATE W/ TREATED FRESH WATER (~60 BBLS).
- 6. LOWER WELLHEAD TO GROUND LEVEL TO ACCOMMODATE DRILLING OPS AND INSTALL MARKER PER UDOGM GUIDELINES.
- 7. RDMO. TURN OVER TO DRILLING OPERATIONS.

ALM 8/8/2013

| | STATE OF UTAH | | FORM 9 | | | | | | |
|--|--|--------------------------------------|--|--|--|--|--|--|--|
| ι | DEPARTMENT OF NATURAL RESOURC DIVISION OF OIL, GAS, AND MIN | | 5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-38420 | | | | | | |
| SUNDR | RY NOTICES AND REPORTS | ON WELLS | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: | | | | | | |
| | posals to drill new wells, significantly reenter plugged wells, or to drill horizon for such proposals. | | 7.UNIT or CA AGREEMENT NAME: PONDEROSA | | | | | | |
| 1. TYPE OF WELL Gas Well | | | 8. WELL NAME and NUMBER: BONANZA 1023-7M | | | | | | |
| 2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ON | ISHORE, L.P. | | 9. API NUMBER: 43047372150000 | | | | | | |
| 3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18th | h Street, Suite 600, Denver, CO, 80217 | PHONE NUMBER: 73779 720 929-0 | 9. FIELD and POOL or WILDCAT: 5NATERAL BUTTES | | | | | | |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 1082 FSL 0439 FWL | | | COUNTY: UINTAH | | | | | | |
| QTR/QTR, SECTION, TOWNSH Qtr/Qtr: SWSW Section: (| HIP, RANGE, MERIDIAN: 07 Township: 10.0S Range: 23.0E Merio | dian: S | STATE: UTAH | | | | | | |
| 11. CHECI | K APPROPRIATE BOXES TO INDICAT | TE NATURE OF NOTICE, REPOR | RT, OR OTHER DATA | | | | | | |
| TYPE OF SUBMISSION | | | | | | | | | |
| | ACIDIZE | ALTER CASING | CASING REPAIR | | | | | | |
| NOTICE OF INTENT Approximate date work will start: | CHANGE TO PREVIOUS PLANS | | | | | | | | |
| Approximate date work will start. | CHANGE WELL STATUS | | | | | | | | |
| SUBSEQUENT REPORT Date of Work Completion: | DEEPEN | | | | | | | | |
| 10/2/2013 | OPERATOR CHANGE | | | | | | | | |
| SPUD REPORT | PRODUCTION START OR RESUME | | | | | | | | |
| Date of Spud: | REPERFORATE CURRENT FORMATION | SIDETRACK TO REPAIR WELL | ✓ TEMPORARY ABANDON | | | | | | |
| | TUBING REPAIR | VENT OR FLARE | WATER DISPOSAL | | | | | | |
| DRILLING REPORT Report Date: | WATER SHUTOFF | SI TA STATUS EXTENSION | APD EXTENSION | | | | | | |
| , | | OTHER | OTHER: | | | | | | |
| | WILDCAT WELL DETERMINATION | U OTHER | OTHER. | | | | | | |
| the subject well I order to expand and the attached ch | Accepted by the vell location on 10/02/2013. This well was plugged in and drill the BONANZA 1023-7M Pad wells. Please see and chronological well history for details. Thank you. FOR RECORD December 17, 2 | | | | | | | | |
| NAME (PLEASE PRINT) Matthew P Wold | PHONE NUMB 720 929-6993 | ER TITLE Regulatory Analyst I | | | | | | | |
| SIGNATURE N/A | | DATE 11/15/2013 | | | | | | | |

| US ROCKIES REGION | | | | | | | | | | | |
|----------------------------|---------|-----------------|---------------|--------------|------------|-------------|---------|-------------------|---|--|--|
| | | | | | Opera | tion S | Summa | ry Report | | | |
| Well: BONANZA | 1023-7N | 1 | | | | | | Spud Date: 3/10 | 0/2008 | | |
| Project: UTAH-U | INTAH | | | Rig Name No: | | | | | | | |
| Event: ABANDOI | NMENT | | | Start Date | e: 9/30/20 |)13 | | | End Date: 10/2/2013 | | |
| Active Datum: RI Level) | KB @5,4 | 58.00usft (al | oove Mean S | ea | UWI: BO | ONANZA | 1023-7M | | | | |
| Date | St | Time art-End | Duration (hr) | Phase | Code | Sub Code | P/U | MD From (usft) | Operation | | |
| 9/30/2013 | | - 14:00 | 2.00 | ABANDT | 30 | Α | Р | | ROAD RIG TO LOC, MIRU UNIT, | | |
| | | - 16:30 | 2.50 | ABANDT | 30 | F | Р | | N/D WH, N/U BOPS, P/U ON TBG FREE, | | |
| 10/1/2013 | | - 7:15 | 0.25 | ABANDT | 48 | | Р | | JSA-SAFETY MEETING | | |
| | | - 11:00 | 3.75 | ABANDT | 31 | I | Р | | 100# ON WELL, BLOW DN TO TK, R/U SCAN TECH, TOOH W/ 2 3/8" J-55 TBG, 246 JTS YELLOW BAND, NO RED, R/D SCAN TECH, | | |
| | 11:00 | - 13:30 | 2.50 | ABANDT | 34 | I | Р | | R/U CUTTER WIRELINE, RIH W/ GAUGE RING TO 5800', RIH W/ 8K CBP, SET CBP @ 5500', R/D WIRELINE, PRESSURE TEST CSG TO 500# FOR 15 MIN, OK | | |
| | 13:30 | - 17:00 | 3.50 | ABANDT | 31 | I | Р | | TIH W/ 2 3/8" TBG, TALLY TBG IN HOLE, 174 JTS TO 9495', CIRC 80 BBLS T-MAC AROUND WELL, SHUT WELL IN SDFN, | | |
| 10/2/2013 | 7:00 | - 7:15 | 0.25 | ABANDT | 48 | | Р | | JSA-SAFETY MEETING | | |
| | 7:15 | - 13:00 | 5.75 | ABANDT | 51 | D | Р | | R/U SCHLUMBERGER CEMENTER TO TBG, PUMP 10 BBLS FREASH WTR AHEAD, MIX AND PUMP 8 SKS CEMENT, W/ SPOT CEMENT PLUG 5495' TO 5300' REVERSE TBG OUT W/ NO CEMENT, P/OLAY DN 40 JTS TO 4237', PUMP 10 BBLS FREASH WTR MIX AND PUMP 20 SK CEMENT W/ SPOTING CEMENT 4231' TO 3900', P/O LAY DN 11 JTS, REVERSE OUT TBG W/ NO CEMENT, R/D SCHLUMBERGER, P/O LAY TBG DN ON TRAILER, N/D BOPS, N/D TBG HEAD, COVER OPEN 4 1/2" CSG W/ BONNET, R/D UNIT MOVE OFF LOC, | | |

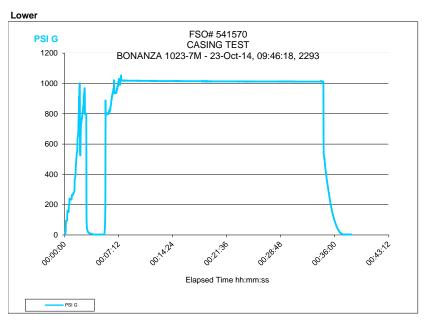
11/15/2013 9:48:51AM 1

| | FORM 9 | | | | |
|--|--|--|--|--|--|
| | 5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-38420 | | | | |
| SUNDR | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: | | | | |
| Do not use this form for pro current bottom-hole depth, FOR PERMIT TO DRILL form | 7.UNIT or CA AGREEMENT NAME: PONDEROSA | | | | |
| 1. TYPE OF WELL Gas Well | 8. WELL NAME and NUMBER: BONANZA 1023-7M | | | | |
| 2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ON | NSHORE, L.P. | | 9. API NUMBER: 43047372150000 | | |
| 3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18tl | h Street, Suite 600, Denver, CO, 80217 | PHONE NUMBER: 3779 720 929-6 | 9. FIELD and POOL or WILDCAT: 1NATUERAL BUTTES | | |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 1082 FSL 0439 FWL | | | COUNTY: UINTAH | | |
| QTR/QTR, SECTION, TOWNSH Qtr/Qtr: SWSW Section: | STATE: UTAH | | | | |
| 11. CHEC | K APPROPRIATE BOXES TO INDICATE | NATURE OF NOTICE, REPOR | RT, OR OTHER DATA | | |
| TYPE OF SUBMISSION | | TYPE OF ACTION | | | |
| Kerr-McGee Oil & Coperations on the temporarily abau 1023-7M Pad w Bonanza 1023-7M I request was made be show wellbore integrated to remain in TA seconfirming wellbore one year extensions. | TYPE OF ACTION ACIDIZE | | Accepted by the Utah Division of Oil, Gas and Mining Date: November 17, 2014 By: | | |
| | | | | | |
| NAME (PLEASE PRINT) Kristina Geno | PHONE NUMBE 720 929-6824 | R TITLE Regulatory Analyst | | | |
| SIGNATURE N/A | | DATE 10/27/2014 | | | |

MIT TEST 1023-7M Bradenhead Test Record - Greater Natural Buttes Data Collection Responsibilities: Well Name & Number: Bonausa 1023 -7 M Lease Operator: Lines 1 through 15, and signature with date at bot tom. 430 473 7215 API Number: Prod. Engineer: Lines 16 through 22, and signature with date at bottom. 10-23-14 Date of Test: Comments Circle / Fill In Line No. All Wells (Lines 1-8) TEST CASENG 41/2" PRODUCTION Ø/ N Bradenhead Valve Open Amt Lost PRESSURE TEST Time Y / 🚳 Bradenhead Valve Locked Open 2 S101- P101 9:53-10:23 1000 Pressure Relief Assembly (PRA) 3 Bradenhead Flow Status: Y / (V) Open-No flow psig **Tubing Pressure** 5 0 psig **Production Casing Pressure** 6 0 psig Surface Casing Pressure Build-up Test: (Notes 1 - 3) For Build-up Pressure Greater than 400 psi Treat on Case by Case Basis Conduct Diagnostic Testing/Review - Remediation May Be Required Stabilized Pressure For Non-zero Surface Casing Build-up (Notes 4 - 5) minutes Time to Bleed to Zero PSI Y / 🐿 Is Flow Sustained 10 H2O / Mud / Diesel / Oil Type of Fluid Recovered 11 gallons Amount of Fluid Recovered Post Test Check Y / 🕦 Bradenhead Valve Locked Open Y / (N) PRA Installed gallons Winterization Fluid Added? Well Status Flowing/Plunger/Other Artificial Lift Y / N Y / N Shut-in Temporary Bridge Plug above Perfs Y / N Test Status Y. / N Pre-completion 19 Y / N Post completion Y / N Post recompletion Pre-Plug & Abandonment Y / N 1) Surface Casing build-up to be performed with a Pressure Relief Assembly until stabilized (maximum 7 days). Pressures to be recorded on chart or digitally. Verify calibration of gauges and chart recorders (every 6 months). 3) Ensure gauge and charts are properly scaled for pressure and time. Charts to be submitted to Production Engineer and filed. 4) Leave Pressure Relief Assembly in place for containment with bradenhead valve locked open if build-up is non-zero. 5) Re-winterize if more than 1.0 gallons of winterization fluid is recovered. (Lease Operator) Test performed by: (Production Engineer) Data reviewed by:

Data Collection Report

| | Chassis | Left Scale | Right Scale |
|---------------|---------|------------|-------------|
| Serial Number | 351623 | 261465 | |
| Datatype | | Lower | |
| Units | | PSI G | |



| | | Lower | Upper | BARO | | Right |
|------------------|---------|----------|-----------------------|--------|------------|-------|
| | Chassis | Module | Module | Module | Left Scale | Scale |
| Serial Number | 351623 | 261465 | | | 261465 | |
| Model | NV | 15KPSI | | | | |
| Message Store | | | | | | |
| Userspan | | 1.00000 | | | | |
| Offset | | | | | | |
| Datatype | | | | | Lower | |
| Units | | PSI G | | | PSI G | |
| Tare | | | | | | |
| Average | | | | | | |
| User Factor | | | | | | |
| User Offset | | | | | | |
| User Resolution | | | | | | |
| Firmware Version | R080014 | R090007 | | | | |
| Calibration Due | | 7-Jan-14 | | | | |
| Run Index | 6 | | | | | |
| Run Start Time | | | 23-Oct-14/09:46:18 | | | |
| Run Duration | | | 38 minutes 12 seconds | | | |
| Run Tag | | | NBU 1023-7M | | | |
| Logging Interval | 1.0 | | | | | |

Sundry Number: 63132 API Well Number: 43047372150000

| | STATE OF UTAH | | FORM 9 | | |
|---|--|---|--|--|--|
| | DEPARTMENT OF NATURAL RESOUF DIVISION OF OIL, GAS, AND M | | 5.LEASE DESIGNATION AND SERIAL NUMBER: UTU-38420 | | |
| SUNDR | RY NOTICES AND REPORTS | ON WELLS | 6. IF INDIAN, ALLOTTEE OR TRIBE NAME: | | |
| Do not use this form for procurrent bottom-hole depth, FOR PERMIT TO DRILL form | 7.UNIT or CA AGREEMENT NAME: PONDEROSA | | | | |
| 1. TYPE OF WELL Gas Well | | | 8. WELL NAME and NUMBER: BONANZA 1023-7M | | |
| 2. NAME OF OPERATOR: KERR-MCGEE OIL & GAS ON | 9. API NUMBER: 43047372150000 | | | | |
| 3. ADDRESS OF OPERATOR: P.O. Box 173779 1099 18tl | 9. FIELD and POOL or WILDCAT: 1NATERAL BUTTES | | | | |
| 4. LOCATION OF WELL FOOTAGES AT SURFACE: 1082 FSL 0439 FWL | COUNTY: UINTAH | | | | |
| QTR/QTR, SECTION, TOWNSH Qtr/Qtr: SWSW Section: | STATE: UTAH | | | | |
| CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA | | | | | |
| CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA TYPE OF SUBMISSION ACIDIZE ALTER CASING CASING REPAIR | | | | | |
| | ACIDIZE | ALTER CASING | CASING REPAIR | | |
| NOTICE OF INTENT Approximate date work will start: | CHANGE TO PREVIOUS PLANS | CHANGE TUBING | CHANGE WELL NAME | | |
| Approximate date not a min claim | CHANGE WELL STATUS | COMMINGLE PRODUCING FORMATIONS | CONVERT WELL TYPE | | |
| SUBSEQUENT REPORT Date of Work Completion: | DEEPEN | FRACTURE TREAT | ☐ NEW CONSTRUCTION | | |
| 4/30/2015 | OPERATOR CHANGE | PLUG AND ABANDON | PLUG BACK | | |
| SPUD REPORT | ✓ PRODUCTION START OR RESUME | RECLAMATION OF WELL SITE | RECOMPLETE DIFFERENT FORMATION | | |
| Date of Spud: | REPERFORATE CURRENT FORMATION | SIDETRACK TO REPAIR WELL | TEMPORARY ABANDON | | |
| | TUBING REPAIR | VENT OR FLARE | WATER DISPOSAL | | |
| DRILLING REPORT Report Date: | WATER SHUTOFF | SI TA STATUS EXTENSION | APD EXTENSION | | |
| Report Date: | | SITA STATUS EXTENSION | | | |
| | WILDCAT WELL DETERMINATION | □ OTHER | OTHER: | | |
| The BONANZA 102 after plugs were following a tem | COMPLETED OPERATIONS. Clearly show 3-7M well was returned to e drilled out. The well has responding abandonment. Pleans summary report for details | production on 4/30/2015 eturned to production se see the attached | | | |
| NAME (PLEASE PRINT) | PHONE NUM | | | | |
| Jennifer Thomas | 720 929-6808 | Regulatory Specialist | | | |
| SIGNATURE N/A | | DATE 5/5/2015 | | | |

Sundry Number: 63132 API Well Number: 43047372150000

| | | | | U | S ROCI | KIES RI | EGION | | |
|---|-------------------|----------------------|------------------|------------|----------------------|---|-------------------|---|--|
| | | | | Opera | ition S | umma | ry Report | | |
| Well: BONANZA 1023-7M Spud date: 3/10/2008 | | | | | | | | | |
| | | NANZA 10 | ANZA 1023-7M PAD | | | Rig name no.: ROCKY MOUNTAIN WELL SERVICE | | | |
| Event: ABANDO | NMENT | | Start date | e: 10/27/2 | 014 | | | End date: 4/14/2015 | |
| Active datum: RKB @5,458.00usft (above Mean Sea | | UWI: BONANZA 1023-7M | | | | | | | |
| Level) | T** | Donation | Dhasa | Codo | Code Sub P/U MD from | | MD from | Operation | |
| Date | Time Start-End | Duration (hr) | Phase | | Sub Code | | MD from (usft) | · | |
| 10/27/2014 | 10:00 - 11:00 | 1.00 | ABANDT | 52 | D | Р | | DUG OUT WELL HEAD, INSTALL TEST CAP CONDUCT MIT TEST FOR 30 MIN, BLED WELL DOWN FILL IN WELL HEAD TEST TIME PRESSURE AMT LOST 1000 9:53-10:24 1019-1012 -7 PSI | |
| 2/1/2015 | 7:00 - | | | | | | | REBUILD PROD FACILITIES TO RETURN WELL TO PRODUCTION | |
| 4/10/2015 | 7:00 - 7:15 | 0.25 | ABANDT | 48 | | Р | | HSM, P/U POWER SWIVEL | |
| | 7:15 - 9:00 | 1.75 | ABANDT | 31 | 1 | Р | | MIRU / N/D WELL HEAD, N/U BOPS, R/U TBG EQUIP. | |
| | 9:00 - 10:30 | 1.50 | ABANDT | 31 | I | Р | | P/U 3-7/8 MILL W/ POBS PGK, TALLEY AND P/U 2-3/8 L-80 TBG, TAG CEMENT @=3,760', | |
| | 10:30 - 17:30 | 7.00 | ABANDT | 44 | Α | Р | | P/U POWER SWIVEL, P/T BOPS, OPEN WELL, BREAK CIRC W/ RIG PUMP, C/O CEMENT DOWN TO=4,164', CIRC HOLE CLEAN, PULLED HIGH KELLY SWIFN. | |
| 4/13/2015 | 7:00 - 7:15 | 0.25 | ABANDT | 48 | | Р | | HSM, CIRCULATING WELL | |
| | 7:15 - 8:00 | 0.75 | ABANDT | 44 | Α | Р | | SICP=0#, SITP=0#, OPEN WELL BREAK CIRC W/ RIG PUMP, CONT, TO DRILL CEMENT, FELL THROUGH @=4,270', HANG POWER SWIVEL BACK, CONT. TO RIH TAG CEMENT @=5,260' P/U POWER SWIVEL BRAK CIRC, C/O CEMENT TO ' TAG CBP @=5,500' MIRU AIR FOAM UNIT | |
| | 8:00 - 9:00 | 1.00 | ABANDT | 31 | Н | Р | | BREAK CIRC W/ AIR FOAM UNIT, DRILL THROUGH CBP | |
| | 9:00 - 15:30 | 6.50 | ABANDT | 31 | I | Р | | HANG POWER SWIVEL BACK, RIH W/ TBG TAG @=7,871', P/U POWER SWIVEL | |
| | 15:30 - 16:00 | 0.50 | ABANDT | 31 | Н | Р | | BREAK CIRC W/ AIR FOAM UNIT | |
| | 16:00 - 18:00 | 2.00 | ABANDT | 44 | D | Р | | TAGGING AND PUSHING SOMETHING DOWN TO 8,115', COULD NOT MAKE ANY HOLE, NO TORQUE, TRIED SETTING DOWN MORE WEIGHT, SPUDDED ON IT, HUNG POWER SWIVEL BACK PULLED ABOVE PERFS SWIFN. | |
| 4/14/2015 | 7:00 - 7:15 | 0.25 | ABANDT | 48 | | Р | | HSM, KILLING WELL | |
| | 7:15 - 9:00 | 1.75 | ABANDT | 31 | I | | | SICP=1,075#, SITP=0# POOH W/ TBG AND BHA, CONTROL WELL W/ 40 BBLS, BHA INDICATES MILLING ON OLD POBS. CALL ENGINEERS | |
| | 9:00 - 13:00 | 4.00 | ABANDT | 31 | I | Р | | RIH BROACHING TBG, P/U HANGER AND LAND W/ 244 JNTS L-80 TBG W/ NOTCHED SEAT NIPPLE [1.875], LAND W/ EOT @=7,752.63', R/D POWER SWIVEL, R/D TBG EQUIP, N/D BOPS, N/U WELL HEAD. | |

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